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JVC

SERVICE MANUAL

MODEL

RC-525L/LB

FM-LW-MW-SW
4-BAND RADIO
CASSETTE RECORDER

No. 1347
September 1977

202

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Specifications

DIMENSIONS : 24.2cm(H) x 40.6cm(W) x 11.7cm(D)
9-1/2" x 16" x 4-5/8"

WEIGHT : Approx. 4.4kg (with batteries)
9.7lbs

TUNER SECTION

Frequency Ranges	:	FM 88 ~ 108MHz
		LW 150 ~ 350kHz
		MW 540 ~ 1600kHz
		SW 6 ~ 18MHz
Antennas	:	FM/SW Rod antenna
		LW/MW Ferrite core antenna

RECORDER SECTION

Tape Speed	:	4.75cm/s (1-7/8 ips)
Track System	:	2-track monaural
Monitor	:	Sound monitor system
Recording System	:	AC bias
Erasing System	:	AC erasing
Fast Forward Time	:	Within 90sec (C-60 cassette)
Rewind Time	:	Within 90sec (C-60 cassette)
Wow & Flutter	:	0.15% (WRMS)

AMPLIFIER SECTION

Speaker	:	Woofer 16cm (6-1/2")
		Tweefer 3cm (1-1/8")
Power Output	:	Max. 4.5W(RMS)

POWER SOURCE

DC	:	6V four U2 or R20 cells, or equivalent
AC	:	110/220/240V, 50/60Hz
Power Consumption	:	9W
Fuse	:	Primary 63mAT (LB only)
		Secondary 1AT

SEMICONDUCTORS

ICs	:	4
Transistors	:	14
Diodes	:	15

Main Parts Location

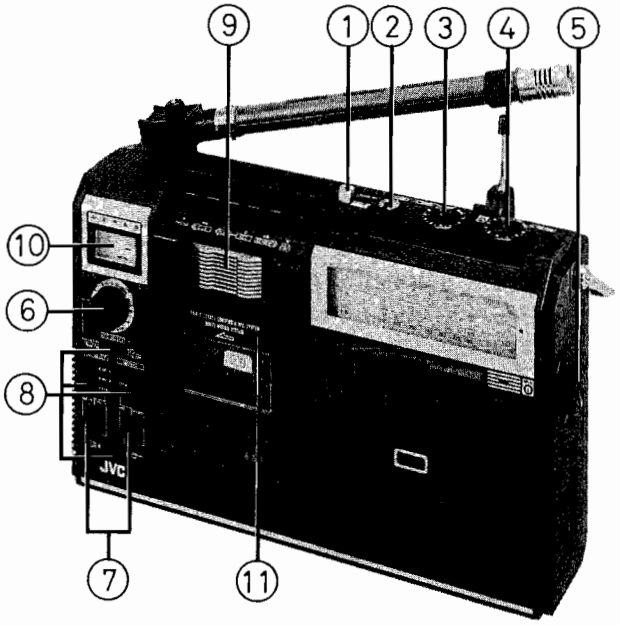


Fig. 1

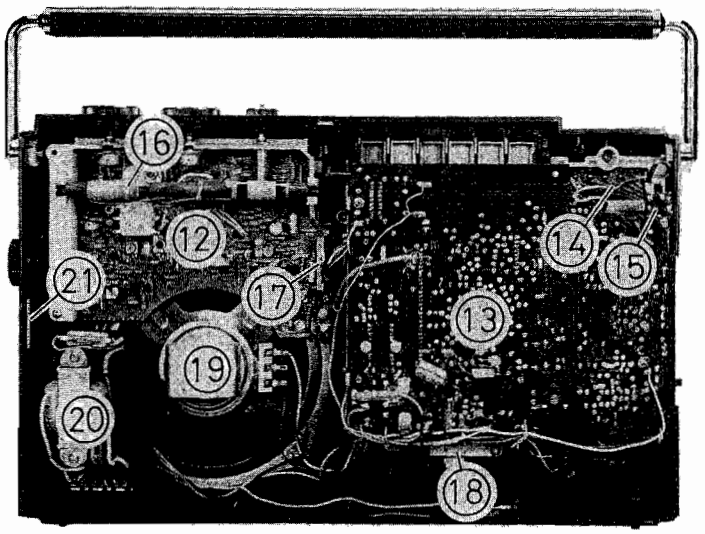


Fig. 2

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	*VXQ4006-001	Knob (Toggle Lever)	Function	1
2	*VXKP720-30011X	〃	BAND	1
3	*VXKP740-30010	〃	TONE	1
4	*VXKP740-30011	〃	VOLUME	1
5	*VXKM250-30010	〃	Tuning	1
6	*VXKP540-30020	〃	REC LEVEL	1
7	*VXKP516-30010	〃	Mixing	2
8	*VXQ4001-001	〃 (Lever Cap)		4
9	*VJD2108-001	Speaker Grill	Diffuser for tweeter	1
10	*V03020-058	Meter		1
11	*VJT3001-00A	Cassette Case		1
12	* ————	Circuit Board Ass'y	Tuner	1
13	* ————		Amplifier	1
14	* ————		Control	1
15	* ————		Jack	1
16	VQB016B-202	Bar Antenna Ass'y	L5,6	1
17	QMC0559-001	5-pin Socket		1
18	* ————	Cassette Mechanism Ass'y		1
19	EAS16P111S	Speaker	Woofer 16cm (6-1/2")	1
20	* ————	Power Supply Ass'y		1
21	V42816-007	Fuse Label	Glued	1

Note: 1. Asterisked parts (*) show "NEW PARTS". Other parts are all "CURRENT PARTS"; therefore, check your inventory and order situation before placing new order to avoid making extra stock.

2. The circuit board assemblies, power supply assembly and whole assembly of cassette mechanism in this model will not be available as spare parts.

Disassembly & Replacement

Rear Cabinet (Refer to Fig. 3)

1. Remove 6 special screws (1) ~ (6): V43899-1.
2. Disconnect 3 connecting wires from rod antenna (white) and batteries (red and black), and remove the jack circuit board from the microphone plug of "ZOOM SHOOTER MIC".

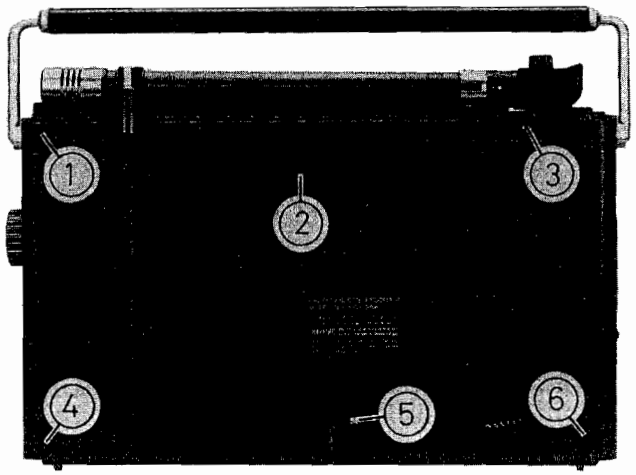


Fig. 3

Tuner Section (Refer to Fig. 4)

1. Take off the band, tone, volume and tuning knobs.
2. Disconnect the 5-pin connector from the amplifier section.
3. Remove 3 screws (7) & (8): SBSB3012Z and (9): SBSB3020Z.

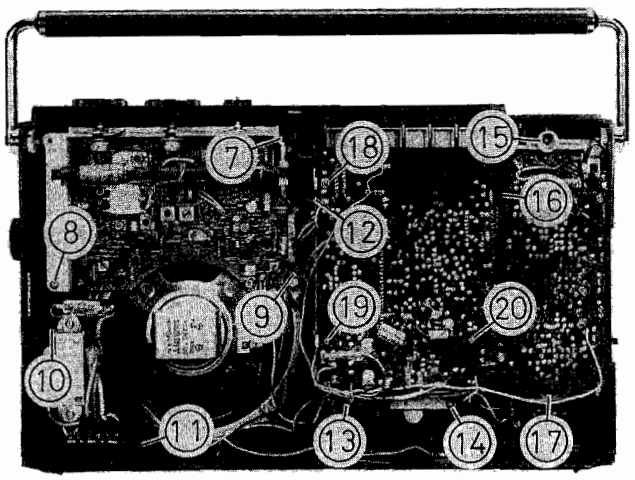


Fig. 4

Power Supply Ass'y (Refer to Fig. 4)

Remove 2 screws (10) & (11): SBSB3012Z.

Cassette Mechanism Section (Refer to Fig. 4)

1. Take off 3 knobs on the front panel.
2. Remove 6 screws (12) ~ (14): SBSB3010Z and (15) ~ (17): SBSB3020Z.

Amplifier & Control Circuit Board Section (Refer to Fig. 4)

1. Take off 3 knobs on the front panel.
2. Remove 6 screws (15) ~ (17): SBSB3020Z and (18) ~ (20): SPSP2606Z.

Control Circuit Board (Refer to Fig. 5)

1. Take out the amplifier and control circuit board section as following the preceding item.
2. Disengage 3 projections of chassis from the circuit board by pressing them to the arrow direction as shown in Fig. 5, then the circuit board can be turned over to the right.

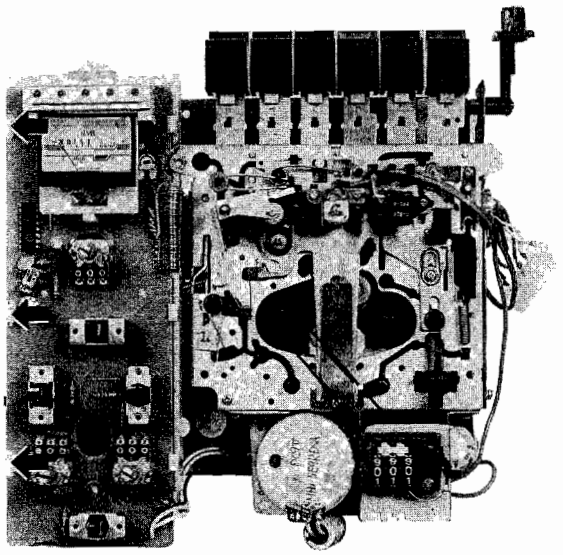


Fig. 5

Tweeter (Refer to Fig. 6)

1. Remove the cassette mechanism section.
2. Remove the speaker grill by pressing 4 projections of speaker grill which are engaging with the cabinet to the arrow direction as shown in Fig. 6.
3. Press the yoke of tweeter outward, then the tweeter can be removed from the cabinet.

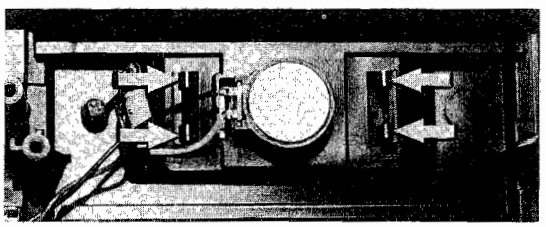


Fig. 6

Cassette Mechanism Section

Note: Reference numbers on the figures from 7 to 12 are the same as on Fig. 36.

A. Pinch Roller Arm Ass'y (83) (Refer to Fig. 7.)

1. Detouch the spring (85).
2. Remove the E-ring (84).

B. Play/Record (69) & Erase (70) Heads (Refer to Fig. 7)

Remove 2 screws (72) & (73) or (73) & (74).

Note: When replacing the head, it is permited to solder the signal wires directly to the head terminals though the small printed circuit board is soldered to the terminals.

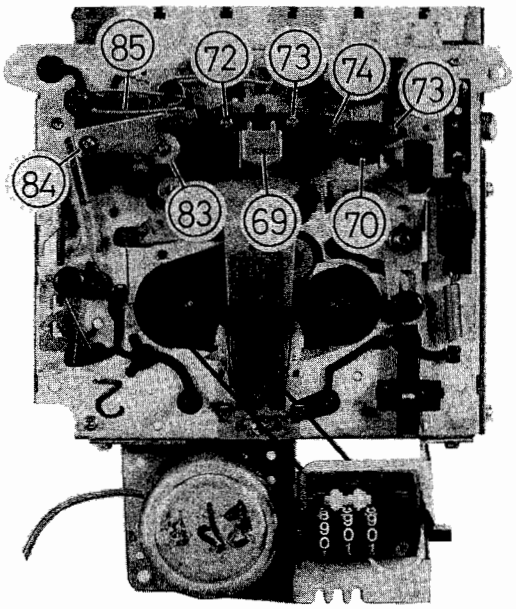


Fig. 7

C. Take-up (47) & Supply (48) Reel Disks (Refer to Figs. 9 & 12)

1. Remove the reel stopper (50) by lifting it upwards.
2. When changing the take-up reel disk (47) press the REVIEW button, when replacing the supply reel disk (48) press the CUE buttom.

Note: When changing the take-up reel disk, push the brake bar (40) rightward not to drop the brake rubber.

D. Auto Stop Lever (75) (Refer to Fig. 8)

Remove the stopper (10) by lifting it up.

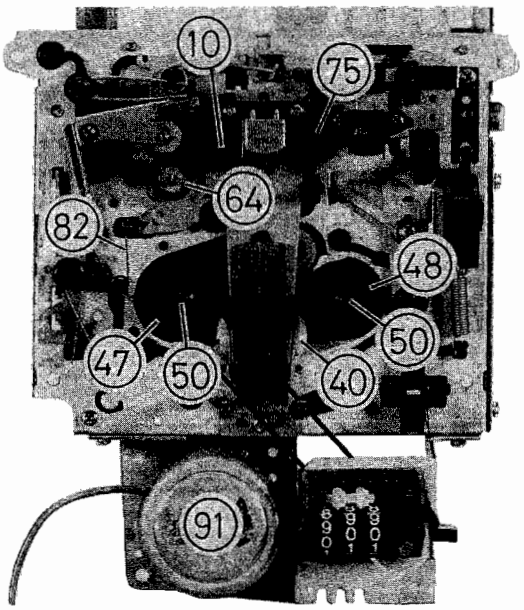


Fig. 8

E. Belt (65) (Refer to Fig. 9)

Remove the flywheel bracket (66) by loosening 3 screws (43).

F. Flywheel Capstan Ass'y (62) (Refer to Fig. 9)

Remove the flywheel bracket (66) by loosening 3 screws (43).

Note: Be careful not to lose the washer (64) which is inserted to the capstan shaft as shown in Fig. 8.

G. Leaf Switch (42) (Refer to Fig. 9)

Remove the screw (43).

H. Motor (91) (Refer to Figs 8 & 9)

1. Remove the motor cushion stopper (94) by loosening the screw (79).
2. Turn the motor counterclockwise.

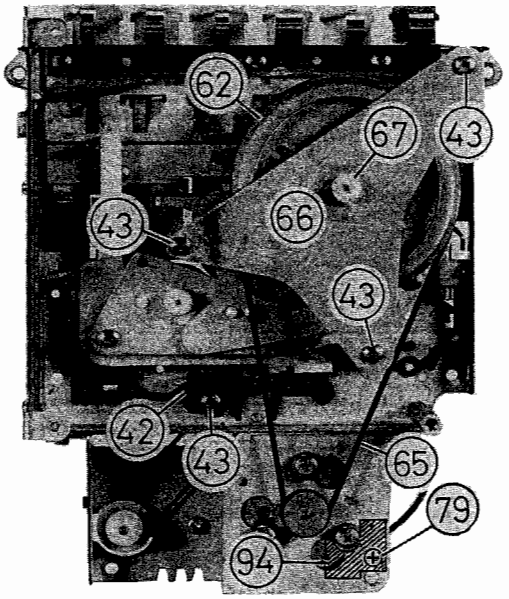


Fig. 9

I. FF Arm Ass'y (51) (Refer to Figs. 10,11 & 12)

1. Detouch the spring (52) from the FF lever (59) after pressing the CUE button.
2. Detouch the spring (54) from the rewind lever (57).
3. Remove 2 screws (43) and take out the reel disk braket ass'y (44) from the chassis.
4. Detouch the spring (53) as shown in Fig. 12.
5. Remove the arm stopper (56) by loosening the screw (24) as shown in Fig. 11.

J. Rewind Idler Arm Ass'y (55) (Refer to Figs. 10,11 & 12)

Follow the item "FF Arm Ass'y (51)".

K. Take-up Bar Ass'y (45) (Refer to Figs. 10,11 & 12)

1. Take out the reel disk bracket ass'y (44) as following the item "FF Arm Ass'y (51)".
2. Pull out the reel disk (47).
3. Detouch the spring (46).
4. Slide the take-up bar ass'y (45) to the arrow direction as shown in Fig. 19.

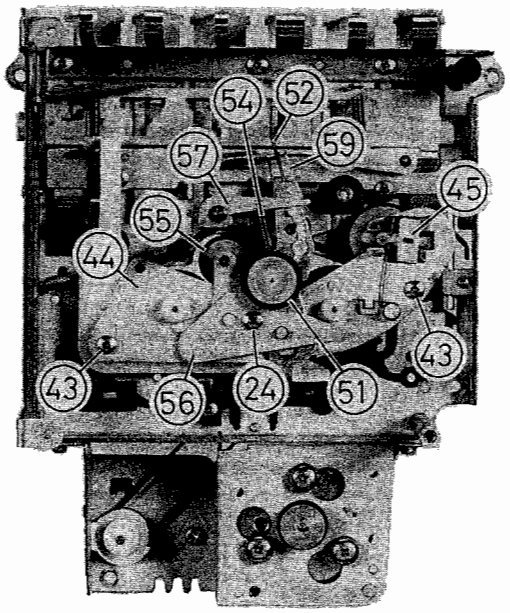


Fig. 10

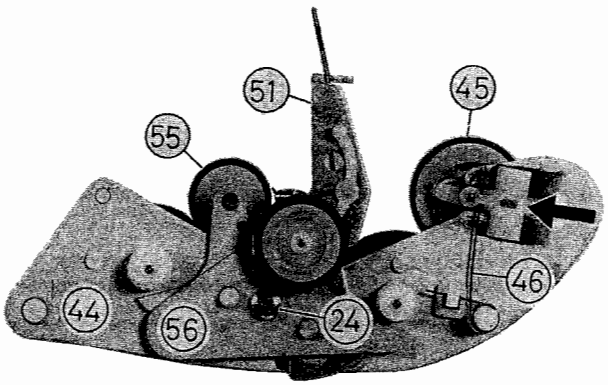


Fig. 11

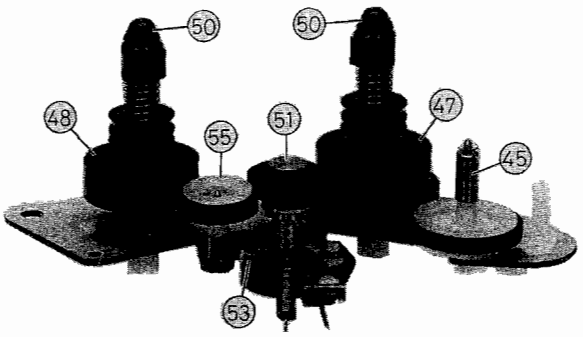


Fig. 12

Tuner Alignment

Output Measuring: Speaker terminal (Impedance =8Ω), output level 50mW (0.63V/8Ω)

AM IF & RF Alignment

Input (SSG) Modulation 400Hz, Modulated to 30%

Step	Frequency Band	Input Signal		Place to be aligned	Set the V. Capacitor to
		Frequency	Given to		
1	MW (IF)	455kHz	Loop Antenna	L11,12	Minimum
2		Repeat the Step 1, and adjust for no further improvement.			
3	MW	520kHz	Loop Antenna	L9	Maximum
4		1650kHz		C11	Minimum
5		Repeat the Steps 3 & 4.			
6		600kHz	Loop Antenna	L6	600kHz Signal
7		1400kHz		C8	1400kHz Signal
8		Repeat the Steps 6 & 7, and adjust for no further improvement.			
9	LW	145kHz	Loop Antenna	L8	Maximum
10		360kHz		C10	Minimum
11		Repeat the Steps 9 & 10.			
12		160kHz	Loop Antenna	L5	160kHz Signal
13		350kHz		C7	350kHz Signal
14		Repeat the Steps 12 & 13, and adjust for no further improvement.			
15	SW	5.8MHz	Rod Antenna through Dummy Antenna	L10	Maximum
16		18.6MHz		C12	Minimum
17		Repeat the Steps 15 & 16.			
18		6.0MHz	Rod Antenna through Dummy Antenna	L7	6.0MHz Signal
19		18.0MHz		C9	18.0MHz Signal
20		Repeat the Steps 18 & 19, and adjust for no further improvement.			

FM IF & Discriminator Alignment

1. Connect a sweep generator to the test point TP2.
2. Connect a oscilloscope to the test point TP5 (Hot) and "G".
3. Align the L3 so that the peak wave form will become maximum and symmetrical at the centre frequency. (Refer to Fig. 13.)
4. Connect a oscilloscope to the test point TP7 and "G".
5. Align the L14 so that the S-curve will become symmetrical and maximum. (Refer to Fig. 14.)

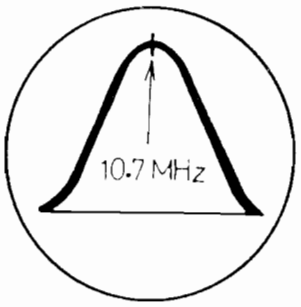


Fig. 13

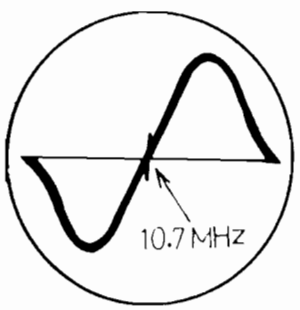


Fig. 14

FM RF Alignment

Input (SSG): Use 75Ω terminal, modulation 400Hz modulated to 22.5kHz deviation.
Connect Hot side to TP4 and Cold side to TP1.

Step	Frequency Band	Input Signal		Place to be aligned	Set the V. Capacitor to
		Frequency	Given to		
1	FM	87.5MHz	TP4 & TP1	L4	Maximum
2		109MHz		C6	Minimum
3		Repeat the Steps 1 & 2.			
4		90MHz	TP4 & TP1	L1	90MHz Signal
5		106MHz		C5	106MHz Signal
6		Repeat the Steps 4 & 5, and adjust for no further improvement.			

Parts Arrangement for Alignment

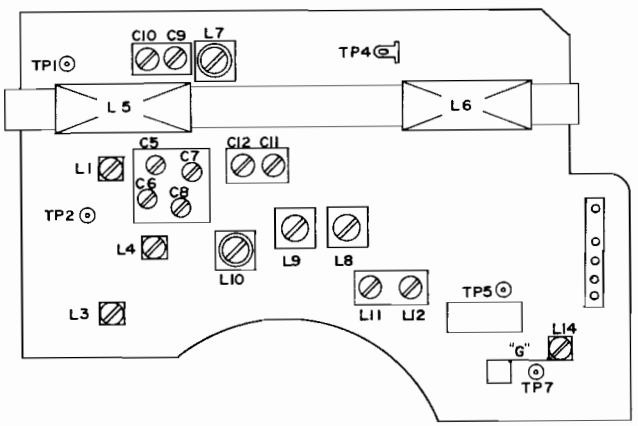
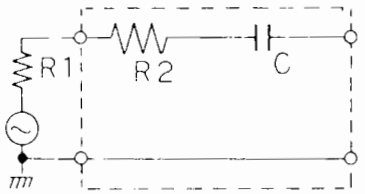


Fig. 15

Dummy Antenna



R1 + R2 = 80Ω
C = 10pF
R1: Output impedance of S.S.G.

Fig. 16

Amplifier Alignment

Bias Frequency

1. Connect a frequency counter across (A) & (B) as shown in Fig. 17.
2. Shift the BEAT CUT switch to the center position.
3. Set the RC-525 in the recording mode.
4. Adjust L102 so that the frequency counter indicates 72.5kHz.

Bias Current

1. Connect a V.T.V.M. across (A) & (B).
2. Adjust R167 so that the voltage becomes 7mV (700μA/10Ω).

Level Alignment of Peak Level Indicator (Refer to Fig. 18.)

1. Supply the signal (1kHz, -53dBs) to the MIC terminal.
2. Set the RC-525 in the manual recording mode.
3. Adjust the REC LEVEL control so that the level meter indicates 0VU.
4. Adjust R158 so that the peak level indicator of "0" lights.

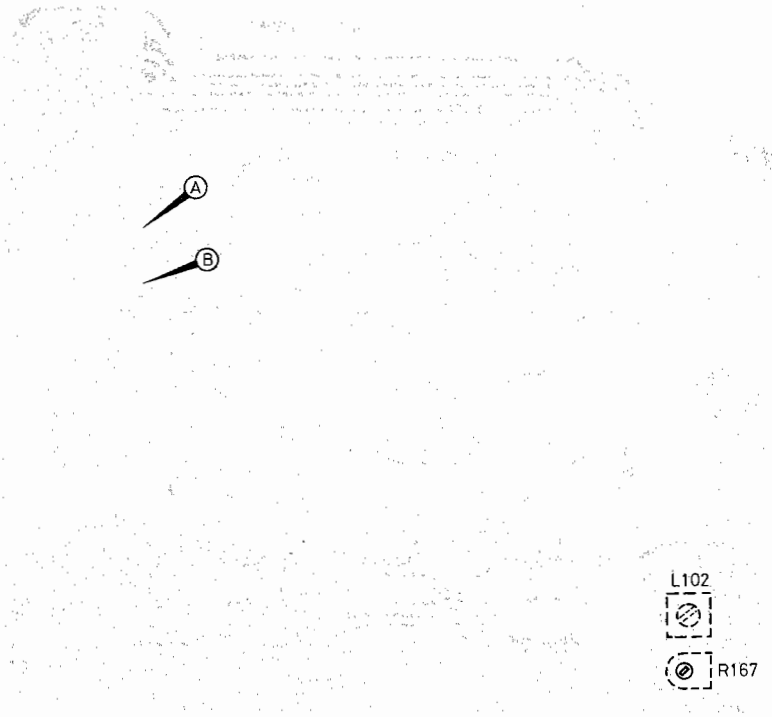


Fig. 17

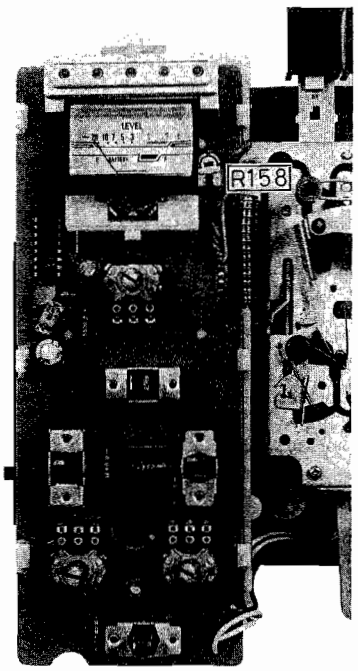


Fig. 18

Adjustment of Cassette Mechanism

Play Timing

1. In the playback mode, the clearance (A) between the pinch roller arm and the stopper of head base should be within 0.2 to 0.3 mm.
   If the clearance is beyond the limits, bend the part (B) of pinch roller arm to adjust the clearance as shown in Fig. 19.

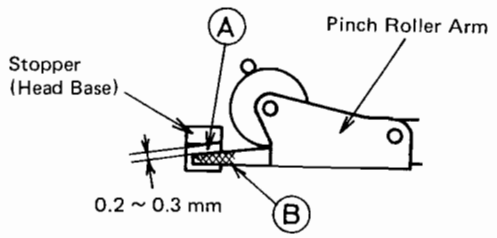


Fig. 19

2. Check to see that the take-up idler turns at the same time as the pinch roller or the take-up idler turns first and then the pinch roller turns, when the PLAY button is pressed.
   a. If the pinch roller turns very later than the take-up idler, bend the part (C) of head base which is contacted with the take-up idler by the part (D) to the (E) direction as shown in Fig. 20.
   b. If the take-up idler turns later than the pinch roller, bend the part (C) to (F) direction.

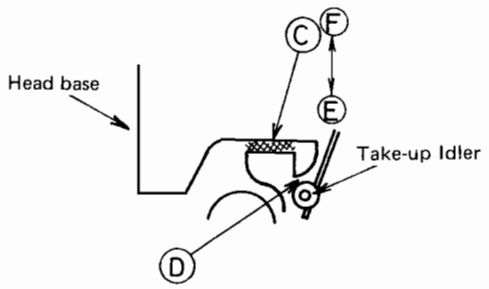


Fig. 20

Cue & Review Mechanism

1. Timing of Cue Action
   a. In the playback mode, check to see that the take-up reel disk stops turning after the pinch roller has stopped turning or stops at the same time and then the mechanism becomes fast forwarding mode when the CUE button has been pressed.
   b. If the timing is out of order, adjust it as following the item 2 of "Play Timing".
2. Timing of Review Action
   a. In the playback mode, check to see that the take-up reel disk stops turning after the pinch roller has stopped or stops at the same time and then the mechanism becomes rewinding mode, when the REVIEW button has been pressed.
   b. If the timing is out of order, adjust it as following the item 2 of "Play Timing".

Pause Timing

In the playback mode, check that the PAUSE button is locked and the mechanism temporarily becomes stop mode when the PAUSE button has been pressed, and that the button is released and the mechanism becomes playback mode when the button has been pressed again.
If the mechanism becomes fast forwarding mode, when the PAUSE button has been gradually pressed, bend the part (G) of pinch roller arm to the arrow direction to adjust that the take-up reel and the pinch roller stops at the same time as shown in Fig. 21.

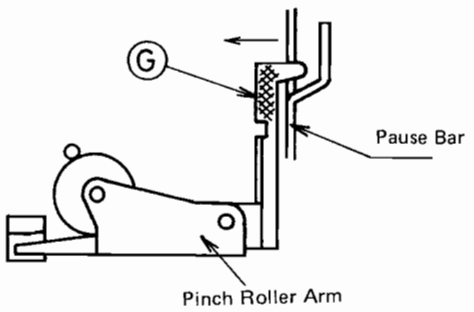


Fig. 21

Thrust of Flywheel

The clearance between the top of the flywheel shaft and the thrust screw should be within 0.1 to 0.4 mm. If the clearance is out of limits, adjust the thrust screw for normal value.

Note: After adjustment, fix the thrust screw with lock adhesive.

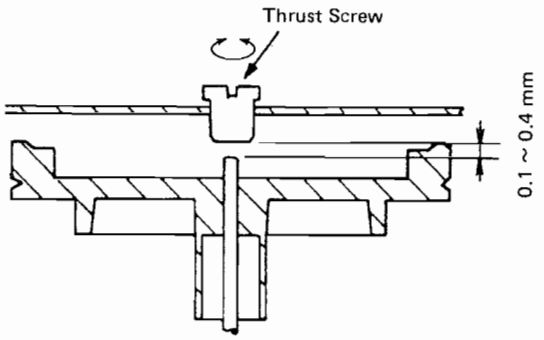


Fig. 22

Location of Heads

The play/record and erase heads should be positioned as shown below.

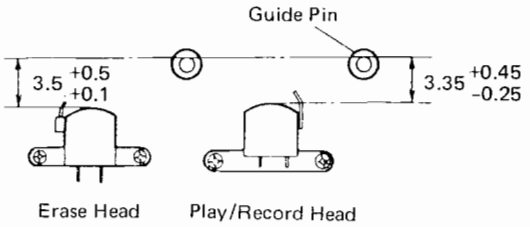


Fig. 23

Torque

Mode	Torque
PLAY	40 ~ 70 g.cm
FF	more than 60 g.cm
REWIND	more than 60 g.cm

Note: If the torque is out of limit, change the take-up reel disk.

How to Fit Dial Cord

1. Dial Cord : ϕ0.6 x 825mm
   24mil x 32-1/2"
2. Turn the dial drum fully clockwise.
3. Fit the cord in numerical order as shown in Fig. 24.

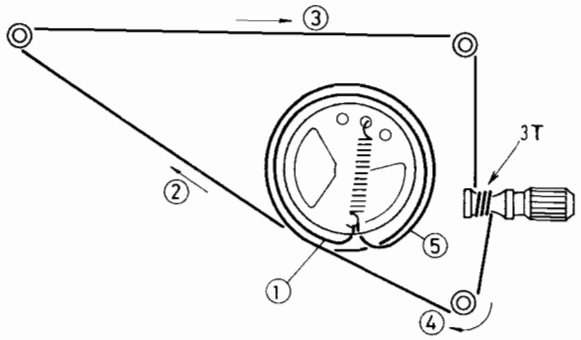


Fig. 24

Block Diagram

Playback & Radio Reception Mode

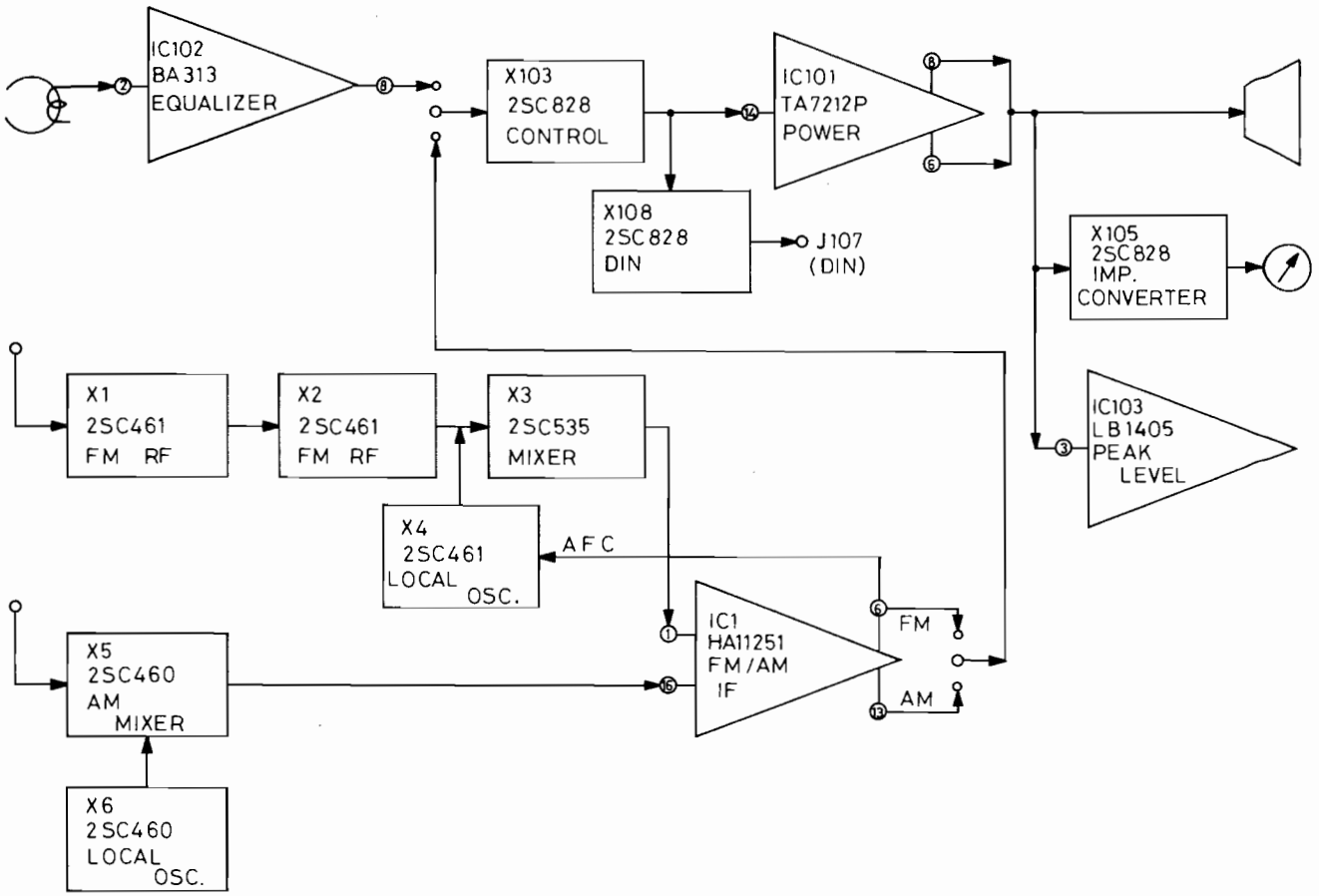


Fig. 25

Recording Mode

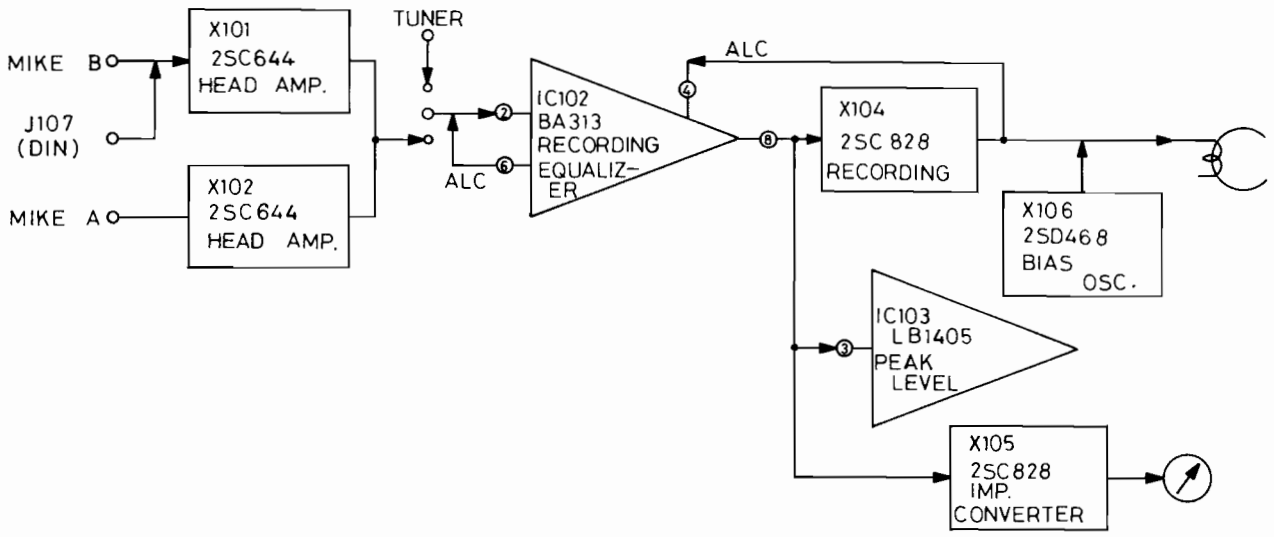


Fig. 26

Wiring Connection

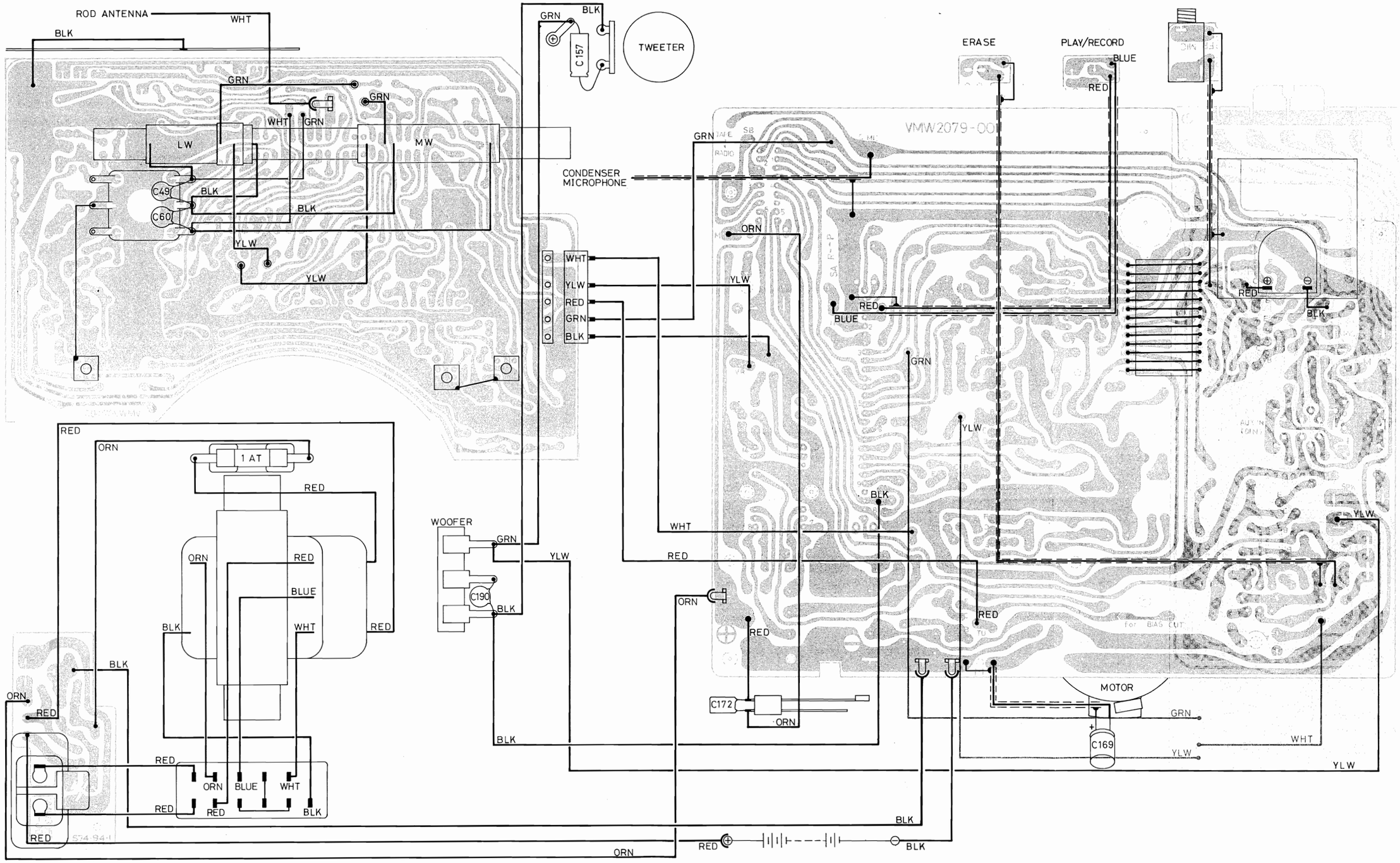
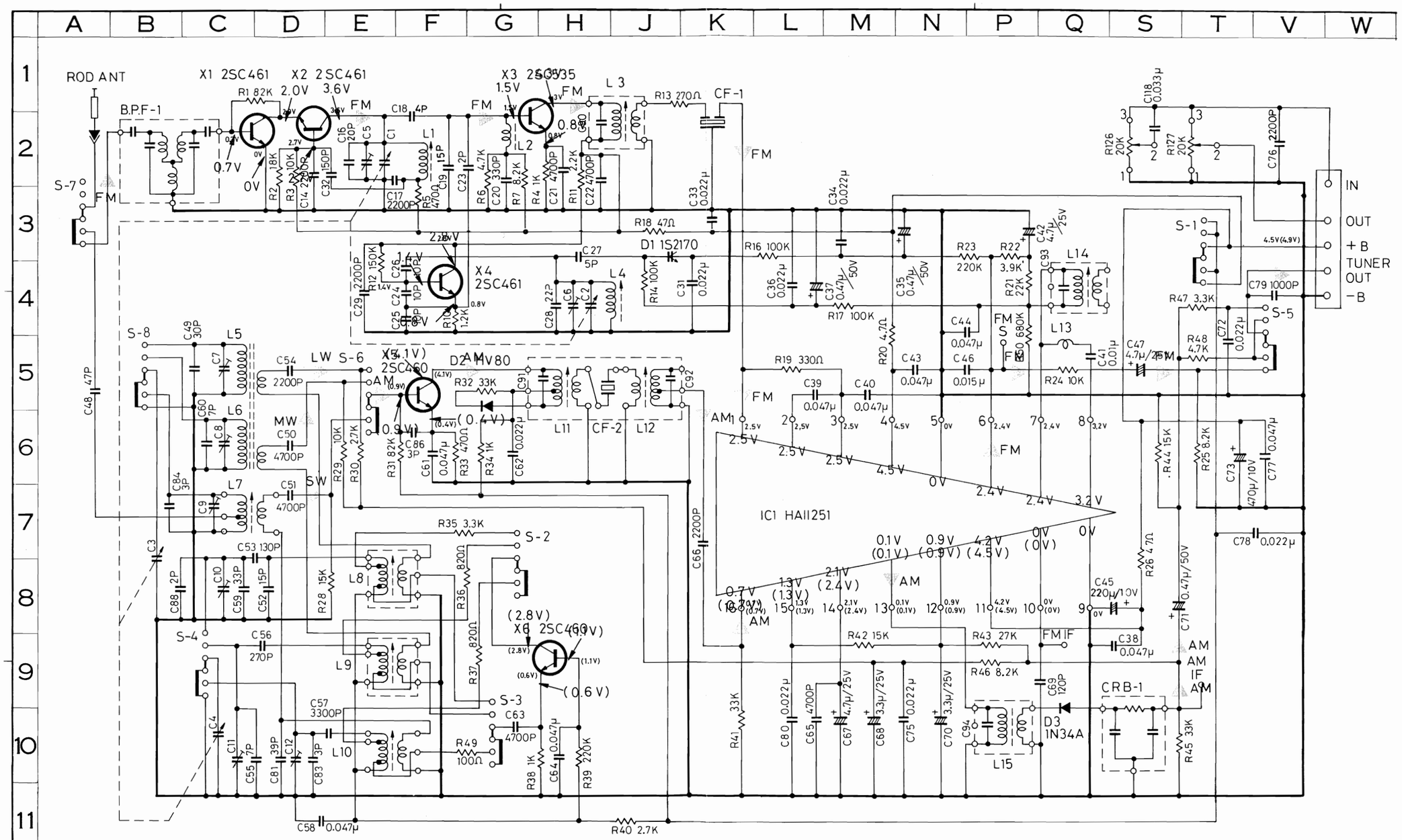


Fig. 27

Schematic Diagram of RC-525L/LB (Tuner)



NOTE
1 C1~8 IS GANGED VARIABLE CAPACITOR.
2 S1~8 BAND SELECT SWITCH (LW/MW/SW/FM) AT FM POSITION.
3 VOLTAGES ARE MEASURED WITH NO SIGNAL USING V.T.V.M AT FM ( )VALUES AT MW.
4 LAST NO R50 C94

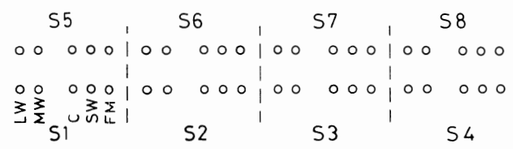
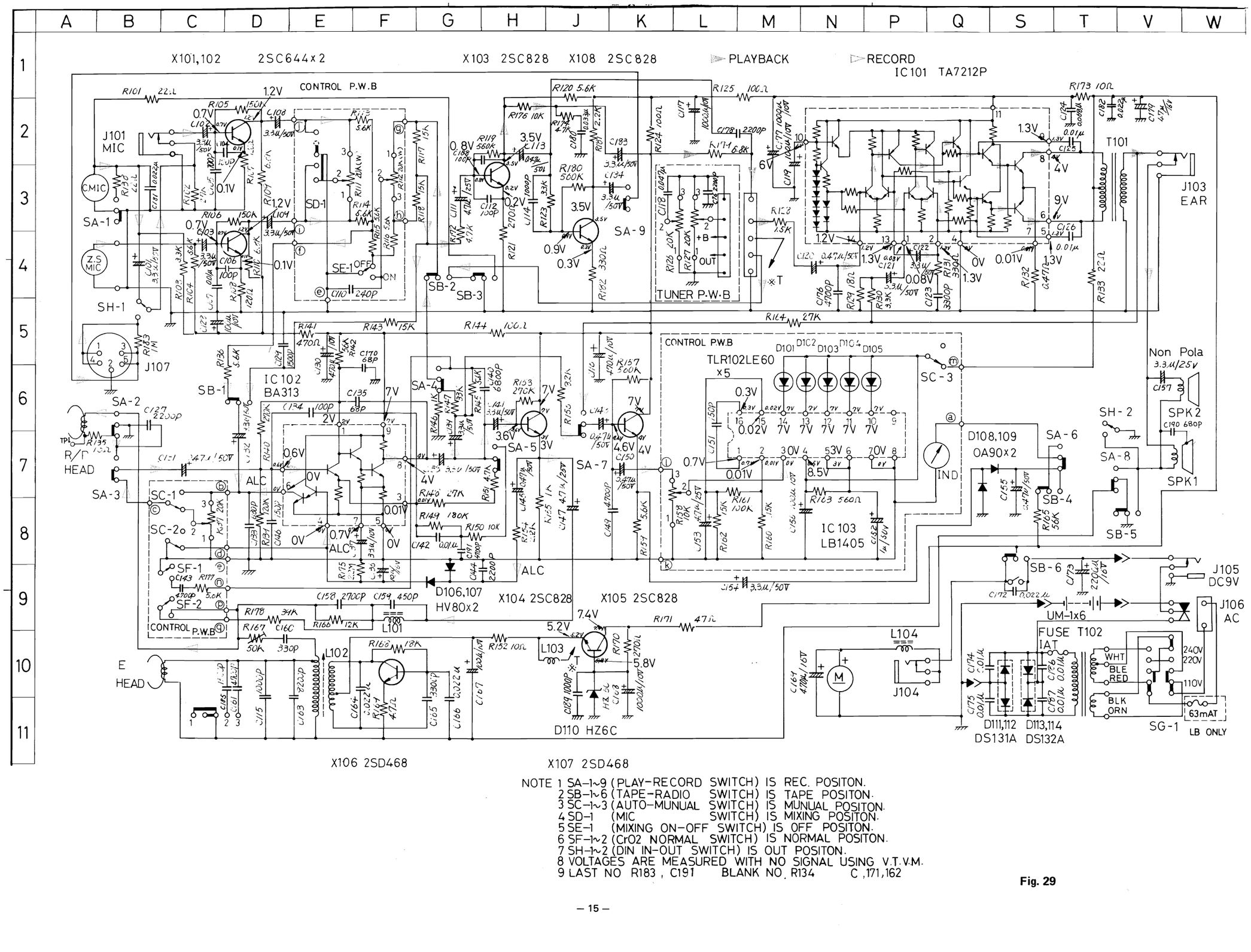


Fig. 28

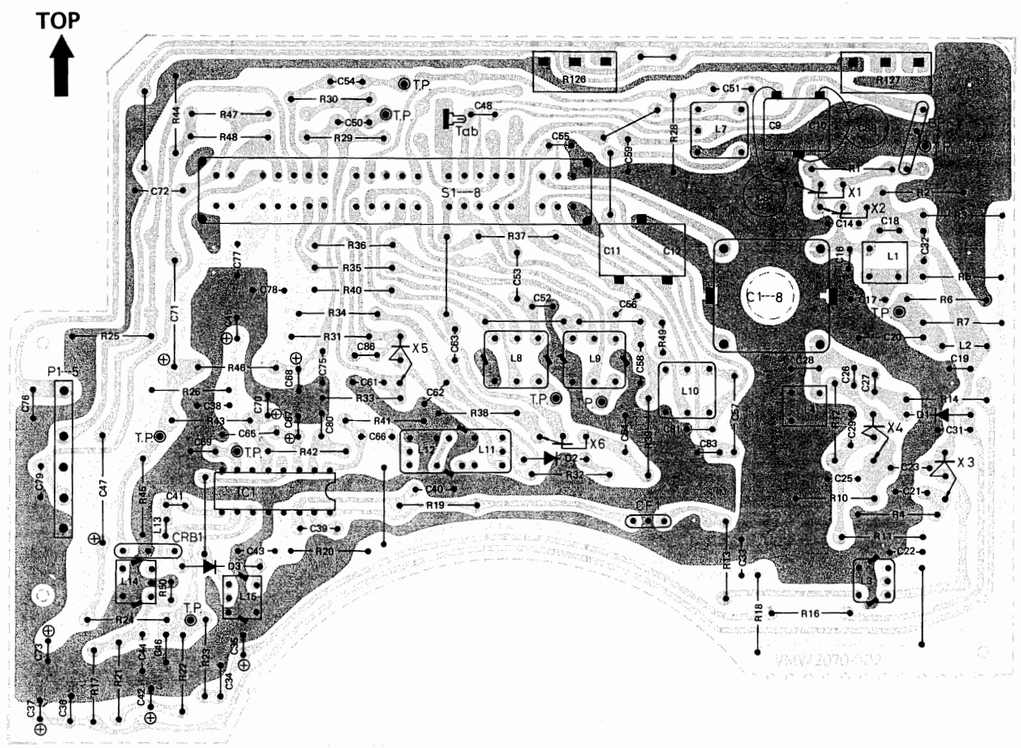
Schematic Diagram of RC-525L/LB (Amplifier)



NOTE 1 SA-1~9 (PLAY-RECORD SWITCH) IS REC. POSITON.
2 SB-1~6 (TAPE-RADIO SWITCH) IS TAPE POSITON.
3 SC-1~3 (AUTO-MUNUAL SWITCH) IS MUNUAL POSITON.
4 SD-1 (MIC SWITCH) IS MIXING POSITON.
5 SE-1 (MIXING ON-OFF SWITCH) IS OFF POSITON.
6 SF-1~2 (CrO2 NORMAL SWITCH) IS NORMAL POSITON.
7 SH-1~2 (DIN IN-OUT SWITCH) IS OUT POSITON.
8 VOLTAGES ARE MEASURED WITH NO SIGNAL USING V.T.V.M.
9 LAST NO R183 , C191 BLANK NO. R134 C ,171,162

Fig. 29

Tuner Circuit Board Ass'y



Positive line

Earth line

Fig. 30

Note: The circuit board assembly will not be available as spare part.

Transistors

Ref. No.	Parts No.	Description	Pc	fT
X1,2,4	2SC461(B)	Silicon (HITACHI)	0.2W	230MHz
X3	2SC535(B)	〃 (〃)	0.1W	700MHz
X5,6	2SC460(B)	〃 (〃)	0.2W	230MHz

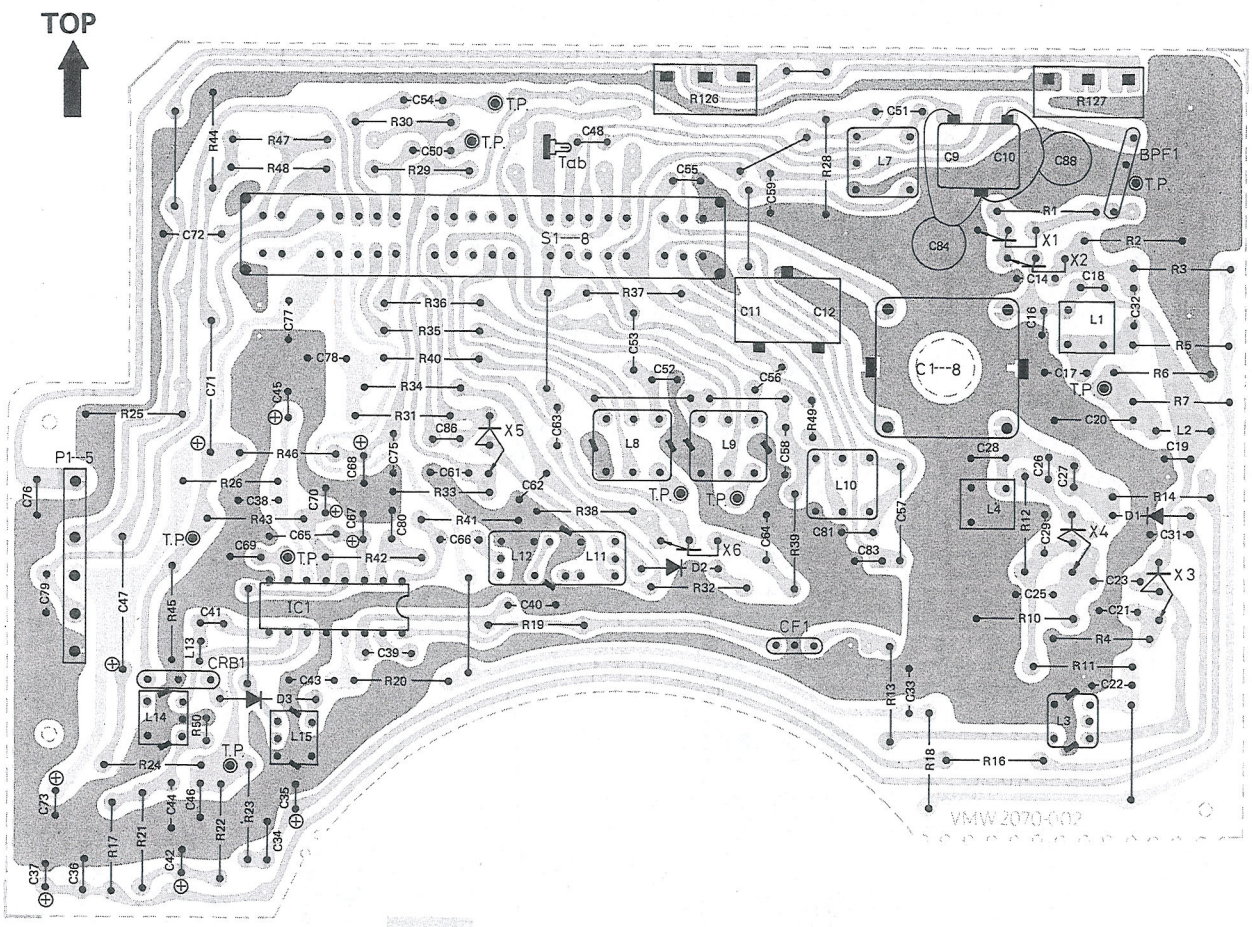
IC & Diodes

Ref. No.	Parts No.	Parts Name	Description
IC1	HA11251	Integrated Circuit	HITACHI
D1	1S2790	Variable Capacitance Diode	〃
D2	HV80	Silicon Diode	〃
D3	1N34A	Germanium Diode	〃

Resistors

Ref. No.	Parts No.	Parts Name	Description
R1	QRD141K-823	Carbon	82kΩ 1/4W
R2	〃 -183	〃	18kΩ 〃
R3	〃 -103	〃	10kΩ 〃
R4	〃 -102	〃	1kΩ 〃
R5	〃 -471	〃	470Ω 〃
R6	〃 -472	〃	4.7kΩ 〃
R7	〃 -822	〃	8.2kΩ 〃
R10	〃 -122	〃	1.2kΩ 〃
R11	〃 -222	〃	2.2kΩ 〃
R12	〃 -154	〃	150kΩ 〃
R13	〃 -271	〃	270Ω 〃
R14,16,17	〃 -104	〃	100kΩ 〃
R18	〃 -470	〃	47Ω 〃
R19	〃 -331	〃	330Ω 〃
R20	〃 -4R7	〃	4.7Ω 〃
R21	〃 -223	〃	22kΩ 〃
R22	〃 -392	〃	3.9kΩ 〃
R23	〃 -224	〃	220kΩ 〃
R24,29	〃 -103	〃	10kΩ 〃
R25	〃 -822	〃	8.2kΩ 〃
R26	〃 -470	〃	47Ω 〃
R28	〃 -153	〃	15kΩ 〃
R30	〃 -272	〃	2.7kΩ 〃
R31	〃 -823	〃	82kΩ 〃
R32	〃 -333	〃	33kΩ 〃
R33	〃 -471	〃	470Ω 〃
R34,38	〃 -102	〃	1kΩ 〃
R35	〃 -332	〃	3.3kΩ 〃
R36,37	〃 -821	〃	820Ω 〃
R39	〃 -224	〃	220kΩ 〃
R40	〃 -272	〃	2.7kΩ 〃
R41,45	〃 -333	〃	33kΩ 〃
R42,44	〃 -153	〃	15kΩ 〃
R43	〃 -273	〃	27kΩ 〃
R46	〃 -822	〃	8.2kΩ 〃
R47	〃 -332	〃	3.3kΩ 〃
R48	〃 -472	〃	4.7kΩ 〃
R49	QRD143K-101	〃	100Ω 〃

Tuner Circuit Board Ass'y



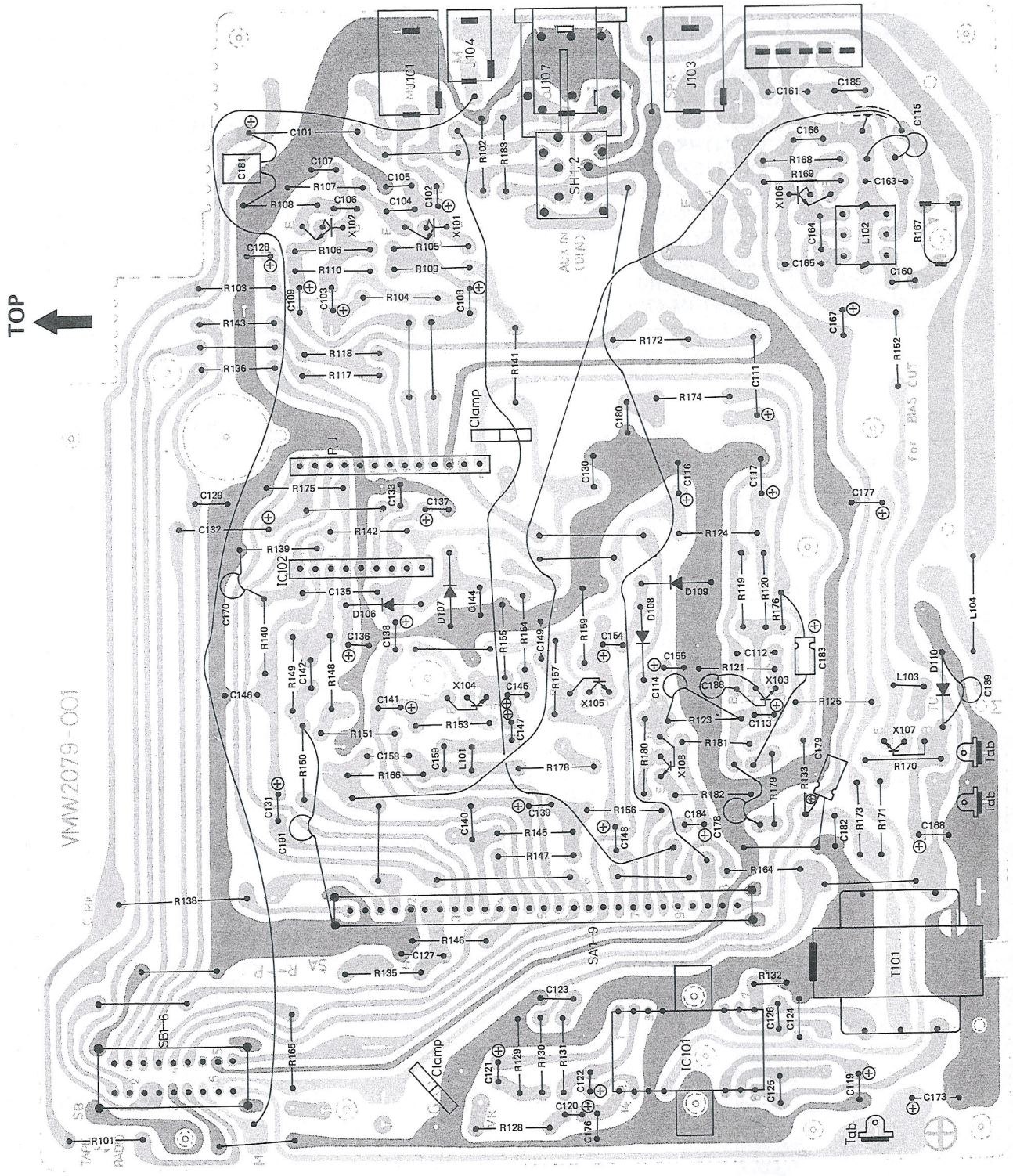
Positive line

Earth line

Fig. 30

Note: The circuit board assembly will not be available as spare part.

Amplifier Circuit Board Ass'y



Positive line Earth line

Fig. 31

Note: The circuit board assembly will not be available as spare part.

Control Circuit Board Ass'y

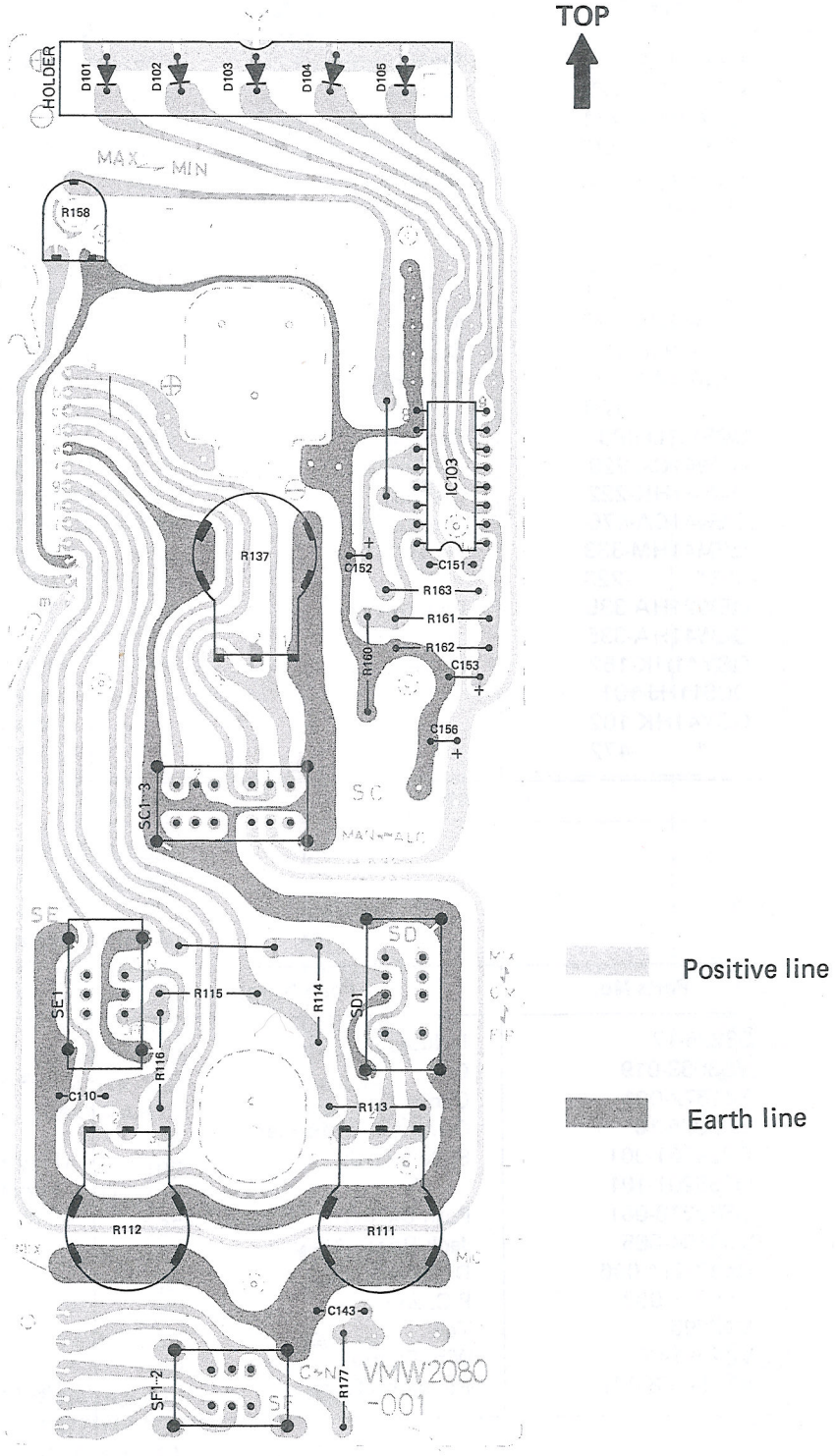


Fig. 32

Note: The circuit board assembly will not be available as spare part.

Ref. No.	Parts No.	Parts Name	Description
R50	QRD143K-684	Carbon	680kΩ
R126	QVG4A2D-024	Variable	20kΩ D-curve
R127	QVG4A2A-024	"	" A-curve

Capacitors

Ref. No.	Parts No.	Parts Name	Description
C1~8	QAP1224-504	Variable	
C9-10,11-12	QAT2002-001	Trimmer	
C14,17	QCY41HK-222	Ceramic	220pF 50V
C16	QCS11HJ-200	"	20pF "
C18	" -4R0	"	4pF "
C19	QCS11HK-150	"	15pF "
C20	QFS21HK-331	Polystyrol	330pF "
C21	QCY41HK-472	Ceramic	4700pF "
C22,29	" -222	"	2200pF "
C23	QCS11HK-2R0	"	2pF "
C24,25,26	QCT05CH-100	"	10pF "
C27	QCS11HK-5R0	"	5pF "
C28	QCT05CH-220	"	22pF "
C31,34,36	QCF11EZ-223	"	0.022μF 25V
C32	QCS11HK-151	"	150pF 50V
C33	QFM41HM-223	"	0.022μF "
C35,37	QEW41HA-474	Electrolytic	0.47μF "
C38	QCF11EZ-473	Ceramic	0.047μF 25V
C39,40,43,44	QFM41HM-473	Mylar	" 50V
C41	" -103	"	0.01μF "
C42	QEW41EA-475	Electrolytic	4.7μF 25V
C45	QEW41AA-227D09	"	220μF 10V
C46	QFM41HM-153	Mylar	0.015μF 50V
C47	QEW21EA-475	Electrolytic	4.7μF 25V
C48	QCS11HK-470	Ceramic	47pF 50V
C49	QCS11HJ-300	"	30pF "
C50,51	QCY41HK-472	"	4700pF "
C52	QCT05CH-150	"	15pF "
C53	QFS21HJ-131	Polystyrol	130pF "
C54	QCY41HK-222	Ceramic	2200pF "
C55	QCT05CH-7R0	"	7pF "
C56	QCS11HJ-271	"	270pF "
C57	QFS21HJ-332	Polystyrol	3300pF "
C58	QFM41HM-473	Mylar	0.047μF "
C59	QCT05CH-330	Ceramic	33pF "
C60	QCS11HJ-7R0	"	7pF "
C61	QCF11EZ-473	"	0.047μF 25V
C62	" -223	"	0.022μF "
C63,65	QCY41HK-472	"	4700pF 50V
C64	QFM41HM-473	Mylar	0.047μF "
C66	QCY41HK-222	Ceramic	2200pF "
C67	QEW41EA-475	Electrolytic	4.7μF 25V
C68,70	" -335	"	3.3μF "
C69	QCS11HK-121	Ceramic	120pF 50V
C71	QEW21HA-474	Electrolytic	0.47μF "
C72	QFM41HM-223	Mylar	0.022μF 50V
C73	QEW41AA-477D11	Electrolytic	470μF 10V
C75,78,80	QCF11EZ-223	Ceramic	0.022μF 25V
C76	QCY41HK-222	"	2200pF 50V
C77	QCF11EZ-473	"	0.047μF 25V
C79	" -102	"	1000pF "
C81	QCS11HK-390	"	39pF 50V
C83	QCT05YK-4R0	"	4pF "
C84,86	QCS11HJ-3R0	"	3pF "
C88	QCS11HK-2R0	"	2pF "
C118	QFM41HM-473	Mylar	0.047μF "

Others

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description
L1	V03105-030	Coil	FM RF
L2	03226-1K	Inductor	FM I.F. trap
L3	V03068-7	I.F.T.	FM
L4	V03105-029	Coil	FM Osc.
L7	VQR1014-202	"	SW Antenna
L8	V03083-013	"	LW Osc.
L9	VQM1T03-201	"	MW Osc.
L10	V03101-025	"	SW Osc.
L11-12	V03067-026	I.F.T.	AM
L13	03226-024	Inductor	
L14	V03068-7	I.F.T.	FM
L15	V03067-25	"	AM
BPF1	*VBP2M3E-001	Band Pass Filter	FM Antenna
CF1	V03059-014	Ceramic Filter	FM I.F.
CRB1	03126-15	CR Block	
S1~8	QSR5684-200	Rotary Slide Switch	BAND
P1~5	QMC0529-001	5-pin Plug	
T.P.	V04041-1	Test Point	
Tab	V43895-1	Tab	
	VYH4166-001	Shield Plate	

Amplifier Circuit Board Ass'y

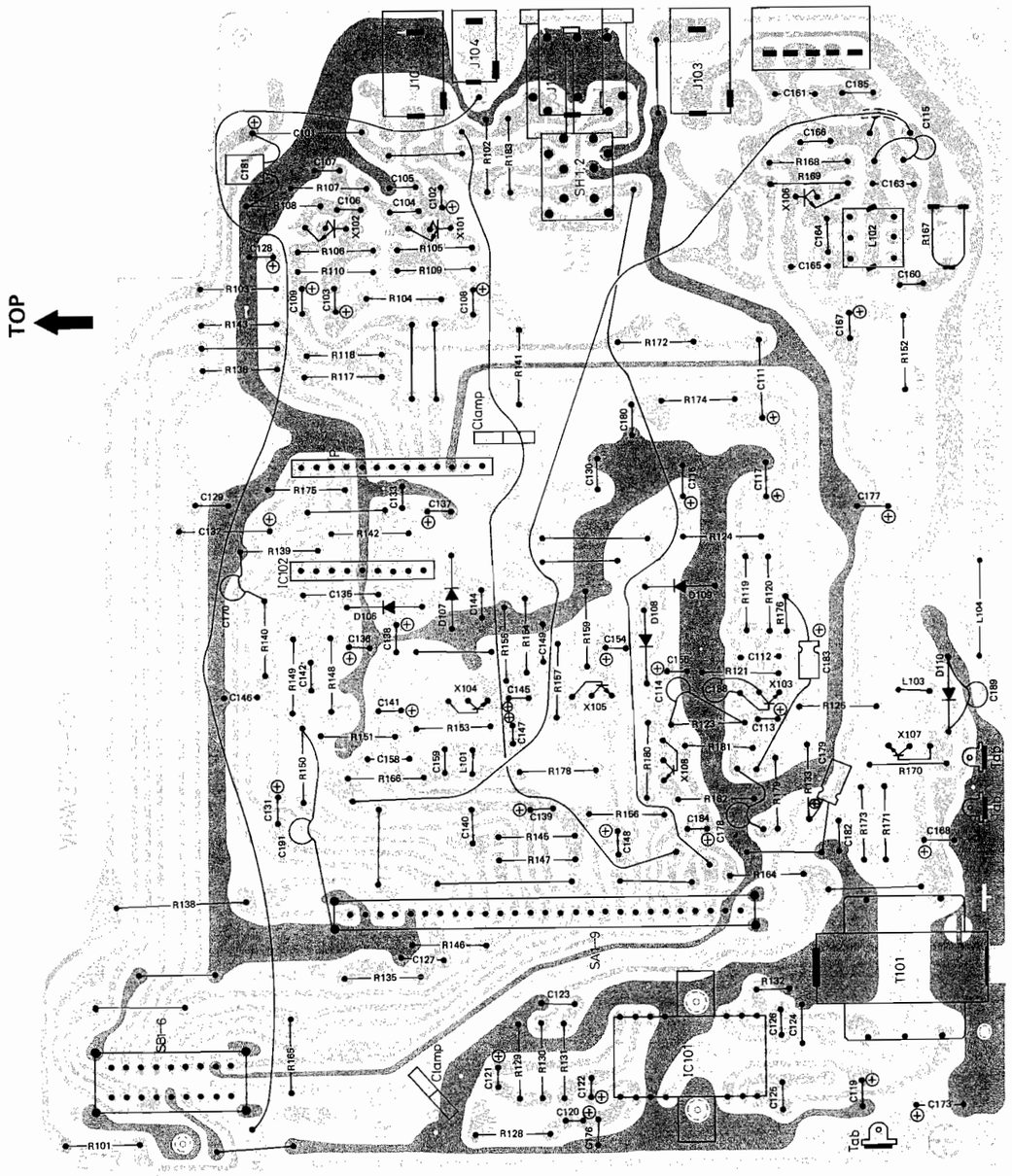


Fig. 31

Note: The circuit board assembly will not be available as spare part.

Transistors

Ref. No.	Parts No.	Description	Pc	fT
X101,102	2SC644(R,S)	Silicon (MATSUSHITA)	0.15W	———
X103,104,105	2SC828(Q,R)	〃 (〃)	0.25W	220MHz
X106	2SD468(C)	〃 (HITACHI)	0.9W	190MHz
X107	2SD468(B,C)	〃 (〃)	〃	〃
X108	2SC828(Q,R)	〃 (MATSUSHITA)	0.25W	220MHz

ICs & Diodes

Ref. No.	Parts No.	Parts Name	Description
IC101	TA7212P	Integrated Circuit	TOSHIBA
IC102	BA313	〃	TOYO DENGU
D106,107	HV80	Silicon Diode	HITACHI
D108,109	OA90	Germanium Diode	MATSUSHITA
D110	HZ6C	Zener Diode	HITACHI

Resistors

Ref. No.	Parts No.	Parts Name	Description	
R101	QRD141K-220	Carbon	22Ω	1/4W
R102	〃 -273	〃	27kΩ	〃
R103	〃 -332	〃	3.3kΩ	〃
R104	〃 -562	〃	5.6kΩ	〃
R105,106	〃 -154	〃	150kΩ	〃
R107,108	〃 -121	〃	120Ω	〃
R109,110	〃 -682	〃	6.8kΩ	〃
R117,118	〃 -153	〃	15kΩ	〃
R119	〃 -564	〃	560kΩ	〃
R120	〃 -562	〃	5.6kΩ	〃
R121	〃 -271	〃	270Ω	〃
R123	〃 -333	〃	33kΩ	〃
R124,125	〃 -101	〃	100Ω	〃
R128	〃 -152	〃	1.5kΩ	〃
R129	〃 -180	〃	18Ω	〃
R130	〃 -332	〃	3.3kΩ	〃
R131	〃 -331	〃	330Ω	〃
R132	QRW123K-R47	Wire Wound	0.47Ω	1/2W
R133,138	QRD141K-220	Carbon	22Ω	1/4W
R135	〃 -100	〃	10Ω	〃
R136	〃 -562	〃	5.6kΩ	〃
R139	〃 -124	〃	120kΩ	〃
R140	〃 -274	〃	270kΩ	〃
R141	〃 -471	〃	470Ω	〃
R142	〃 -563	〃	56kΩ	〃
R143	〃 -153	〃	15kΩ	〃
R144	〃 -101	〃	100Ω	〃
R145	〃 -562	〃	5.6kΩ	〃
R146	〃 -102	〃	1kΩ	〃
R147	〃 -333	〃	33kΩ	〃
R148	〃 -273	〃	27kΩ	〃
R149	〃 -184	〃	180kΩ	〃
R150	〃 -103	〃	10kΩ	〃
R151	〃 -472	〃	4.7kΩ	〃
R152	〃 -100	〃	10Ω	〃
R153	〃 -274	〃	270kΩ	〃
R154	〃 -222	〃	2.2kΩ	〃

Ref. No.	Parts No.	Parts Name	Description
R155	QRD141K-102	Carbon	1kΩ 1/4W
R156	" -822	"	8.2kΩ "
R157	" -564	"	560kΩ "
R159	" -562	"	5.6kΩ "
R164	" -273	"	27kΩ "
R165	" -563	"	56kΩ "
R166	" -123	"	12kΩ "
R167	QVP8A0B-054	Variable	50kΩ B-curve
R168	QRD141K-183	Carbon	18kΩ 1/4W
R169	" -4R7	"	4.7Ω "
R170	" -271	"	270Ω "
R171	" -470	"	47Ω "
R172,174	" -472	"	4.7kΩ "
R173	" -100	"	10Ω "
R175	" -225	"	2.2MΩ "
R176	QRD143K-103	"	10kΩ "
R178	QRD141K-393	"	39kΩ "
R179	" -682	"	6.8kΩ "
R180	" -564	"	560kΩ "
R181	" -222	"	2.2kΩ "
R182	" -331	"	330Ω "
R183	" -105	"	1MΩ "

Capacitors

Ref. No.	Parts No.	Parts Name	Description
C101	QEW21HA-335	Electrolytic	3.3μF 50V
C102,103	QEW41HA-335	"	" "
C104,105,106	QCS11HJ-101	Ceramic	100pF "
C107	QFM41HM-103	Mylar	0.01μF "
C108,109	QEW41HA-335	Electrolytic	3.3μF "
C111	QEW21HA-475	"	4.7μF "
C112	QCS11HJ-101	Ceramic	100pF "
C113	QEW41HA-474	Electrolytic	0.47μF "
C114,115	QCY41HK-102	Ceramic	100pF "
C116	QEW41AA-477	Electrolytic	470μF 10V
C117	" -108	"	1000μF "
C119,128	" -107	"	100μF "
C120,131	QEW41HA-474	"	0.47μF 50V
C121,122	" -335	"	3.3μF "
C123	QCY41HK-102	Ceramic	1000pF "
C124	QFM41HM-683	Mylar	0.068μF "
C125,126	" -103	"	0.01μF "
C127	QCY41HK-222	Ceramic	2200pF "
C129	" -152	"	1500pF "
C130	QEW41AA-477	Electrolytic	470μF 10V
C132	QEW21HA-335	"	3.3μF 50V
C133	QCY41HK-681	Ceramic	680pF "
C134	QCS11HJ-101	"	100pF "
C135	" -680	"	68pF "
C136	QEW41CA-106	Electrolytic	10μF 16V
C137	QEW41AA-336	"	33μF 10V
C138,139,141	QEW41HA-335	"	3.3μF 50V
C140	QCY41HK-682	Ceramic	6800pF "
C142	QFM41HM-103	Mylar	0.01μF "
C144	QCY41HK-222	Ceramic	2200pF "
C145,148,155	QEW41HA-474	Electrolytic	0.47μF "
C146	QCS11HJ-151	Ceramic	150pF "
C147	QEW41EA-475	Electrolytic	4.7μF 25V
C149	QCY41HK-472	Ceramic	4700pF 50V
C150	QEW21HA-474	Electrolytic	0.47μF 50V
C154	QEW41HA-335	"	3.3μF "
C158	QCY41HK-272	Ceramic	2700pF "
C159	QCS11HJ-451	"	450pF "
C160	" -331	"	330pF "
C161,176	QCY41HK-472	"	4700pF "
C163	" -822	"	8200pF "
C164,166	QFM41HM-223	Mylar	0.022μF "
C165	QCY41HK-332	Ceramic	3300pF "
C167	QEW41AA-107	Electrolytic	100μF 10V
C168,177	" -108	"	1000μF "
C170	QCS11HJ-680	Ceramic	68pF 50V
C173	QEW41CA-228	Electrolytic	2200μF 16V
C178	QCY41HK-222	Ceramic	2200pF 50V
C179	QEW41CA-476	Electrolytic	47μF 16V
C180	QFM41HM-333	Mylar	0.033μF 50V
C181,182	" -223	"	0.022μF "
C183	QEW21HA-335	Electrolytic	3.3μF "
C184	QEW41HA-335	"	3.3μF "
C185	QCY41HK-152	Ceramic	1500pF "
C188	QCS11HJ-101	"	100pF "
C189	QCY41HK-102	"	1000pF "
C191	" -472	"	4700pF "

Others

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description
L101,103	03226-17	Inductor	
L102	V03083-019	Coil	Bias Osc.
L104	T41572-001	Choke Coil	
T101	V03075-10	Output Transformer	
SA1~9	QSS9201-001	Slide Switch	Play-Record
SB1~6	QSS6201-101	"	Function
SH1~2	QSP2210-061	Push Switch	DIN
J101,103,104	*V03104-065	Jack Board Ass'y	
J107	*QMC9014-006	DIN Socket Ass'y	
P.J.	*V45043-002	P.C. Joiner	
Tab	V43895-1	Tab	
Clamp	V44691-001	Wire Clamp	
	VYH4158-001	Radiation Plate	Heat sink for IC101

Control Circuit Board Ass'y

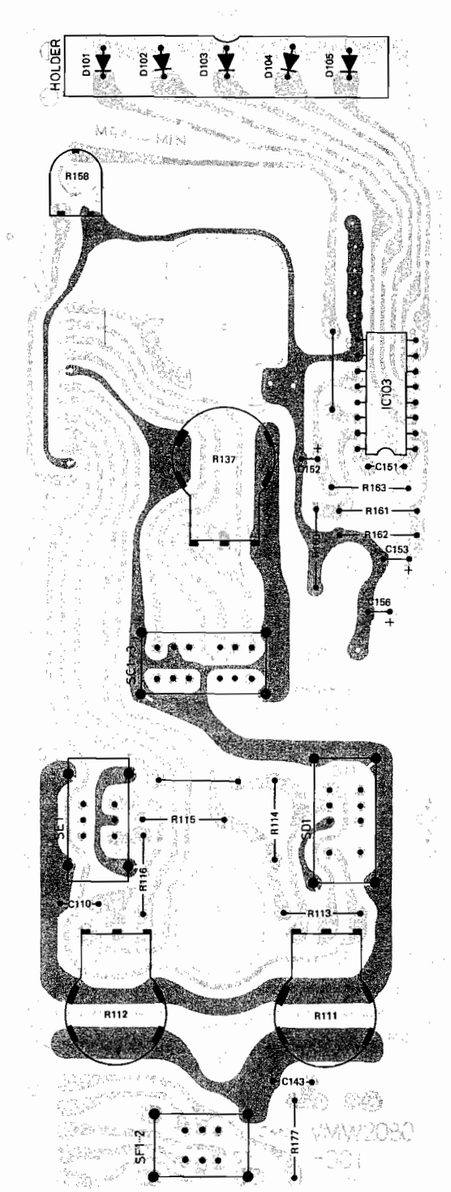


Fig. 32

Note: The circuit board assembly will not be available as spare part.

IC & Diodes

Ref. No.	Parts No.	Parts Name	Description
IC103	LB1405	Integrated Circuit	SANYO
D101~105	TLR102LE60	Light Emission Diode	TOSHIBA

Ref. No.	Parts No.	Parts Name	Description	
R111,112	QVG9A2W-024V	Variable	20kΩ	W-curve
R113,114	QRD141K-562	Carbon	5.6kΩ	1/4W
R115,116	〃 -562	〃	〃	〃
R137	QVG9A2A-024V	Variable	20kΩ	A-curve
R158	QVP8A0B-014	〃	10kΩ	B-curve
R160,162	QRD141K-153	Carbon	15kΩ	1/4W
R161	〃 -104	〃	100kΩ	〃
R163	〃 -561	〃	560Ω	〃
R177	〃 -562	〃	5.6kΩ	〃

Capacitors

Ref. No.	Parts No.	Parts Name	Description	
C110	QCS11HJ-241	Ceramic	240pF	50V
C143	QCY41HK-472	〃	4700pF	〃
C151	QCS11HJ-151	〃	150pF	〃
C152	QEW41HA-105	Electrolytic	1μF	〃
C153	QEW41EA-475	〃	4.7μF	25V
C156	QEW41AA-107	〃	100μF	10V

Others

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description
SC1~3	QSL4218-001	Lever Switch	REC SELECT
SD1	QSL2318-002	〃	MIC SELECT
SE1	QSL2218-102	〃	MIXING Switch
SF1~2	〃 -102	〃	TAPE SELECT
HOLDER	*VYH4103-001	LED Holder	

Jack Circuit Board Ass'y

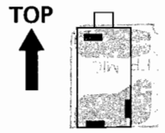


Fig. 33

Note: The circuit board assembly will not be available as spare parts.

Ref. No.	Parts No.	Parts Name	Description
	V04066-001	Jack Ass'y	

Exploded View of Power Supply Ass'y

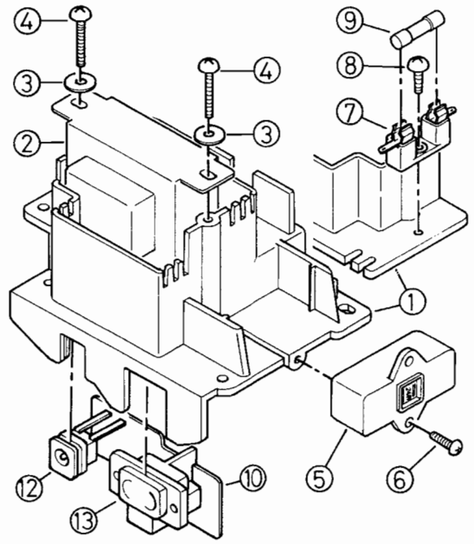


Fig. 34

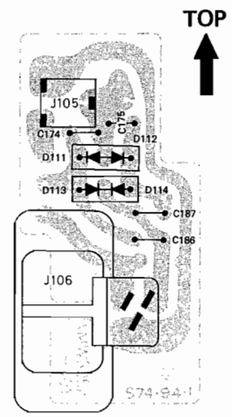


Fig. 35

Note: The circuit board assembly will not be available as spare part.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	V20685-001	AC Chassis		1
2	VTP48N2-90C	Power Transformer	T102	1
3	Q03091-105	Washer		2
4	SBSB3020Z	Screw		2
5	QSS2325-005	Slide Switch	SG1~2	1
6	SBSB3010Z	Screw		1
7	QMG1321-002	Fuse Holder		1
8	SBSB3010Z	Screw		1
9	QMF51A2-1R0	Fuse	1AT	1
10	————	Circuit Board Ass'y	Power Supply	1
11	QMC0263-001	AC Socket Ass'y	J106	1
12	QMA0921-003	DC Jack Ass'y	J105	1

Diodes

Ref. No	Parts No.	Parts Name	Description
D111,112 D113,114	DS131A DS132A	Silicon (SANYO) 〃 (〃)	Rectifier Stack 〃

Capacitors

Ref. No.	Parts No.	Parts Name	Description
C174,175,186, 187	QCF11EZ-103	Ceramic	0.022μF 25V

Exploded View of Cassette Mechanism

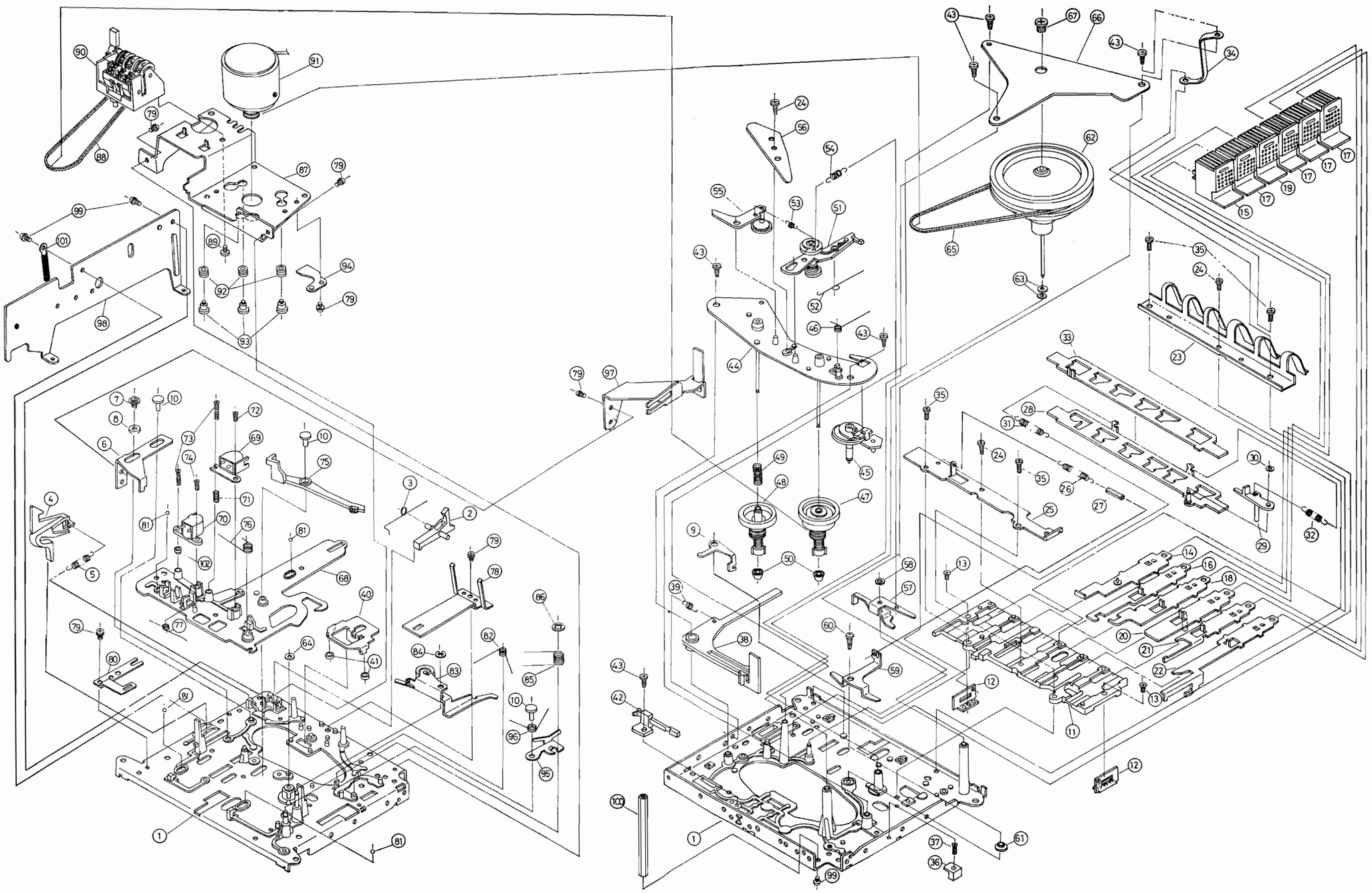


Fig. 36

List of Cassette Mechanism

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	TGC357101-0A	Chassis Base Ass'y	Outsert	1
2	TEP357406-01	Record Safety Lever		1
3	TFW357471-01	Record Safety Lever Spring		1
4	*VKS4101-001	Eject Lever		1
5	*VKW3000-010	Tension Spring		1
6	TFB357408-01	Record Push Bar		1
7	LPSP2606Z	Ass'y Screw		1
8	*VKH3001-002	Flange Collar		1
9	*VKL4151-001	Record Lock Lever		1
10	TEP357469-01	Stopper		3
11	TEP357103-01	Push Bar Case		1
12	TFB357409-01	Cam Guide Bracket		2
13	SPSP2604Z	Screw		2
14	*TGB361402-0A	Stop Eject Bar Ass'y		1
15	*VXP3002-001	Push Button	STOP-EJECT	1
16	*TFB357411-02	Rewind		1
17	*VXP3002-002	Push Button	PAUSE, CUE, PLAY, REVIEW	4
18	TFB357412-01	Record Bar		1
19	*VXP3002-003	Push Button	REC	1
20	*TGB357413-0A	Play Bar Ass'y		1
21	TFB357416-01	FF. Bar		1
22	*TFB361405-01	Pause Bar		1
23	TFP357301-01	Button Spring		1
24	SDSA2606Z	Tap. Screw		3
25	TFB357418-01	Push Bar Plate		1
26	*T30300-211	Tension Spring		1
27	TJN265559-04	Silencer		1
28	*TGB357302-0D	Push Bar Cam(1) Ass'y		1
29	TEP357420-01	Auto-Stop Kick Lever		1
30	TEP357421-01	Special Washer		1
31	*VKW3000-001	Tension Spring		1
32	T30300-203	Tension Spring		1
33	*VKL3107-001	Push Bar Cam(2)		1
34	*VKL4147-001	Earth Plate		1
35	SDSP2608Z	Screw		4
36	*TEP361406-01	Pause Bar Guide		1
37	SPSP2008Z	Screw		1
38	TEP357422-01	Brake Lever		1
39	*T30300-204	Tension Spring		1
40	*VKL4248-001	Brake Bar		1
41	TER313493-01	Brake Rubber		2
42	V31162-001	Leaf Switch	for Motor	1
43	SBSA2608Z	Tap. Screw		6
44	TGB357305-0A	Reel Disk Bracket Ass'y	Outsert	1
45	TGP357425-0A	Take-up Bar Ass'y		1
46	TFW357430-01	Take-up Bar Spring		1
47	TGP357431-0D	Reel Disk Ass'y	for Take-up	1
48	TGP357431-0B	Reel Disk Ass'y	for Supply	1
49	*VKW3001-003	Compression Spring	for Back Tension	1
50	TEP357437-01	Reel Stopper		2
51	TGB357438-0A	FF. Arm Ass'y	Outsert	1
52	TFW357446-01	FF. Arm Spring		1
53	T30300-205	Tension Spring		1
54	T30300-206	Tension Spring		1
55	TGB357447-0A	Rewind Idler Arm Ass'y		1
56	TFB357451-01	Arm Stopper		1
57	*TFB357452-02	Rewind Lever		1
58	TEP357421-03	Special Washer		1
59	TFB357453-01	FF. Lever		1
60	GPSA2608Z	W. Tap. Screw		1
61	VKH4103-001	Collar		1
62	TEW357307-0B	Flywheel Capstan Ass'y		1
63	Q03093-611	Washer	for Thrust	2
64	Q03093-522	Washer	for Oil Cut	1
65	TEB357454-01	Belt	Capstan	1
66	TFB357455-01	Flywheel Bracket		1
67	TEP357456-01	Thrust Screw		1
68	*TGB357202-0B	Head Base Ass'y	Outsert	1
69	*V03078-052	Play/Record Head		1
70	V03078-044	Erase Head		1
71	T30301-148	Compression Spring		1
72	SBSA2008Z	Tap. Screw		1
73	SPSX2012Z	Screw		2
74	SBSA2010Z	Tap. Screw		1
75	TEP357458-01	Auto-stop Lever		1
76	*TFW357467-03	Head Base Spring	Head Base-Play Bar	1
77	*TFW361408-01	Record Lock Lever Spring		1
78	TFP357459-01	Pack Spring		1
79	LPSP2604Z	Ass'y Screw		6
80	TFP357460-01	Head Base Spring Plate		1
81	T41615-004	Steel Ball	Chassis x 2, Head Base x 2	4
82	TFW357470-01	Take-up Spring		1
83	*TGB361409-0A	Pinch Roller Arm Ass'y		1
84	REE2500	E-ring		1
85	TFW357463-02	Pinch Roller Spring		1
86	RDS3000F	CS. Ring		1
87	*TFB361304-01	Motor Counter Bracket		1
88	*TEB357454-02	Belt	for Counter	1
89	SPSP3006ZS	Screw		1
90	*VKC5102-001S	Tape Counter		1
91	*MHi5E9RDSA	Motor Ass'y		1
92	*TER357465-02	Cushion Rubber	for Motor	3
93	*VKZ4109-001	Motor Screw		3
94	TFB357466-01	Motor Cushion Stopper		1
95	*TFB361411-01	Pause Lock Cam		1
96	*TFW361412-01	Pause Lock Cam Spring		1
97	*VKY4104-00A	Record Spring Plate Ass'y		1
98	*VKL3101-001	Side Bracket		1
99	LPSP2605Z	Ass'y Screw		3
100	*VKH4101-001	C.B. Stud		1
101	V42603-003	Wire Clamp		1
102	VKH4120-001	Erase Head Collar		1

Note: The whole assembly of cassette mechanism will not be available as spare part.

Exploded View of Amplifier Ass'y

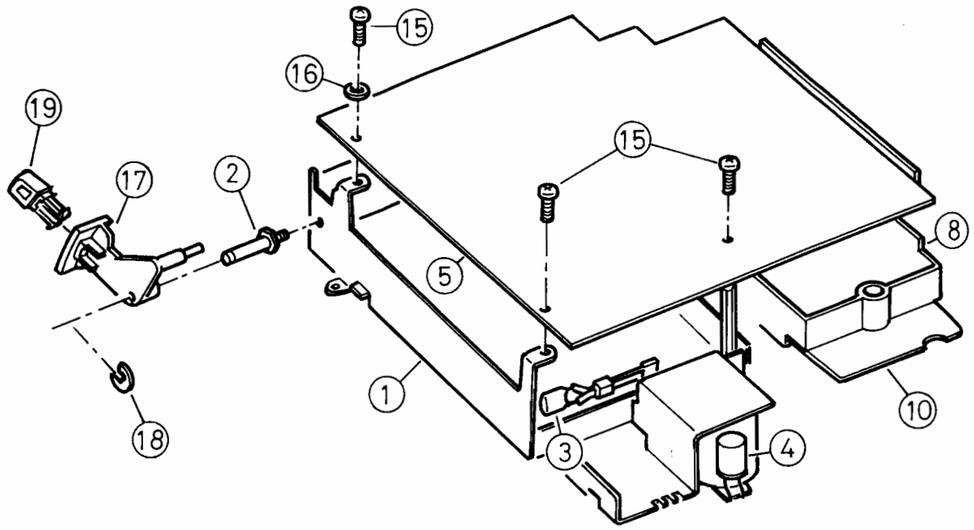


Fig. 37

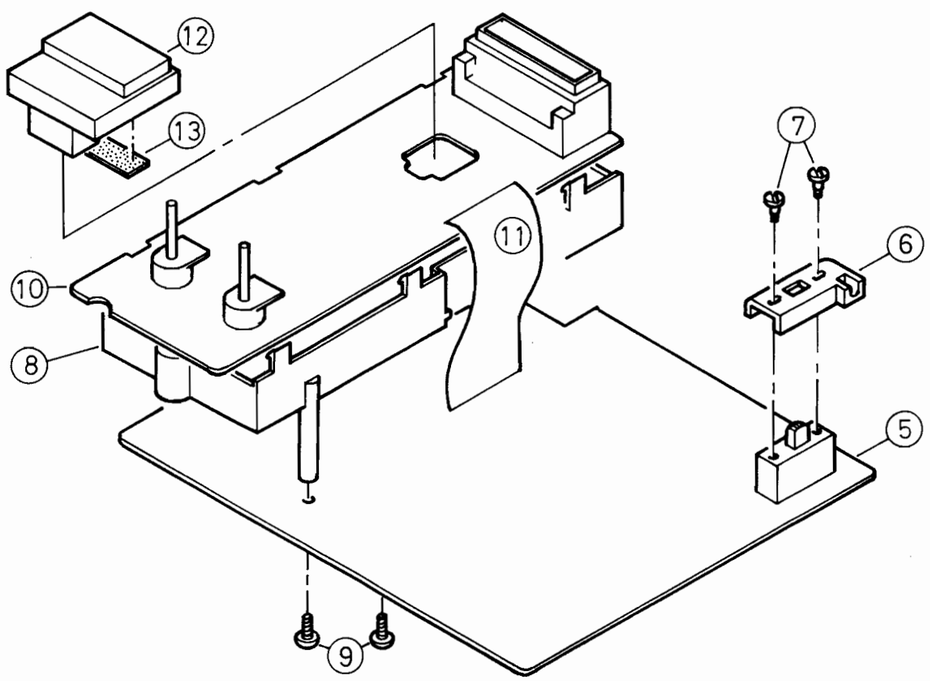


Fig. 38

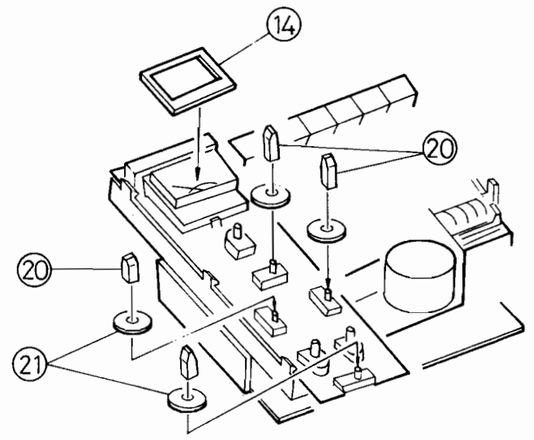


Fig. 39

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	*————	Cassette Mechanism Ass'y		1
2	V43773-1	Lever Shaft		1
3	QFM41HM-223	Mylar Capacitor	C172(0.022μF, 50V)	1
4	QEW41CA-477	Electrolytic Capacitor	C169 (470μF, 16V)	1
5	*————	Circuit Board Ass'y	Amplifier	1
6	V30923-001	Slider		1
7	V42583-2	Stud		2
8	*VYH2102-001	Chassis		1
9	SBSB3008Z	Screw		2
10	*————	Circuit Board Ass'y	Control	1
11	*V45043-002	P.C. Joiner		1
12	*V03020-058	Indicator		1
13	VYSR1R5-004	Spacer		1
14	V43547-1	Indicator Rubber		1
15	SPSP2606Z	Screw		3
16	WBS2600N	Toothed Lock Washer		1
17	*VXQ3001-001	Toggle Lever		1
18	V44239-001	Bowed Ring		1
19	*VXQ4006-001	Toggle Lever Knob		1
20	*VXQ4001-001	Knob (Lever Cap)		4
21	V45001-001	Spacer		4

Exploded View of Tuner Ass'y

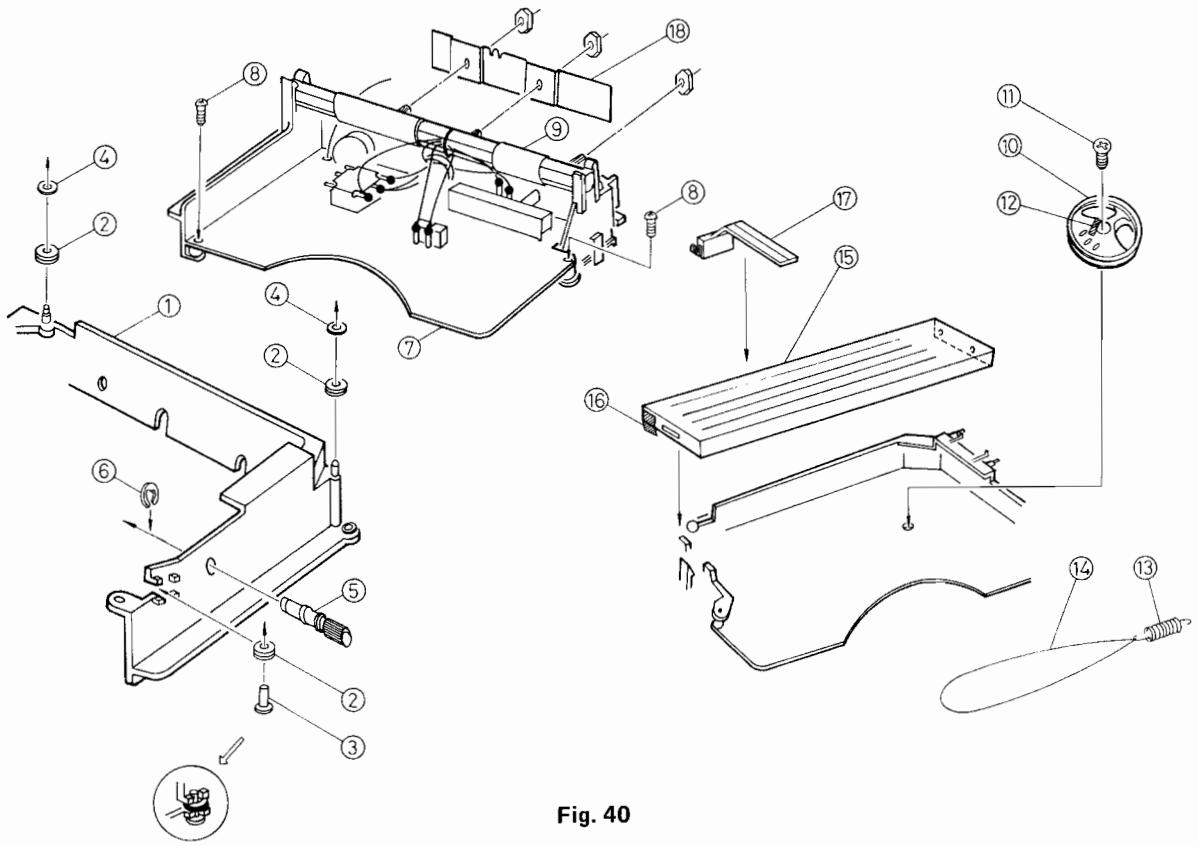


Fig. 40

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	*VYH2101-001	Chassis		1
2	VYH4002-001	Roller		3
3	RTA4010	Rivet		1
4	V42562-1	Special Washer		2
5	V41336-024	Tuning Shaft		1
6	REE3000	E-ring		1
7	*————	Circuit Board Ass'y	Tuner	1
8	SBSB3008Z	Screw		2
9	VQB016B-202	Bar Antenna Ass'y	L5,6	1
10	QZD1108-001	Dial Drum		1
11	SSSP2608Z	Screw		1
12	VYSA1R6-021	Spacer	Glued	1
13	50153-3	Spring		1
14	VHR2TT9-06A	Dial Cord	ϕ0.6 x 825mm	1
15	*VJK2101-002	Dial Scale		1
16	VYSA1R6-034	Spacer	Glued	1
17	*VJN4001-001	Needle		1
18	*VYH4166-001	Shield Plate		1

Exploded View of Front Cabinet

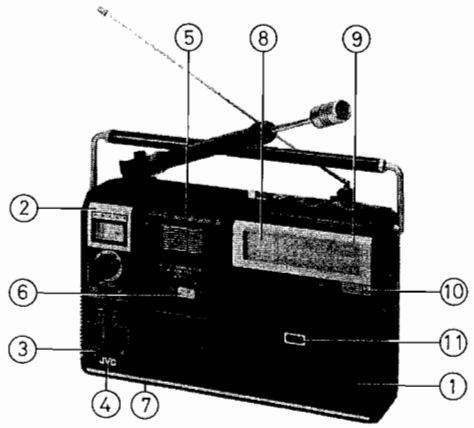


Fig. 41

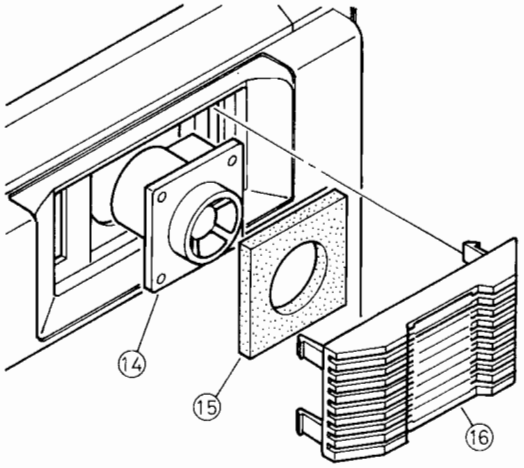


Fig. 42

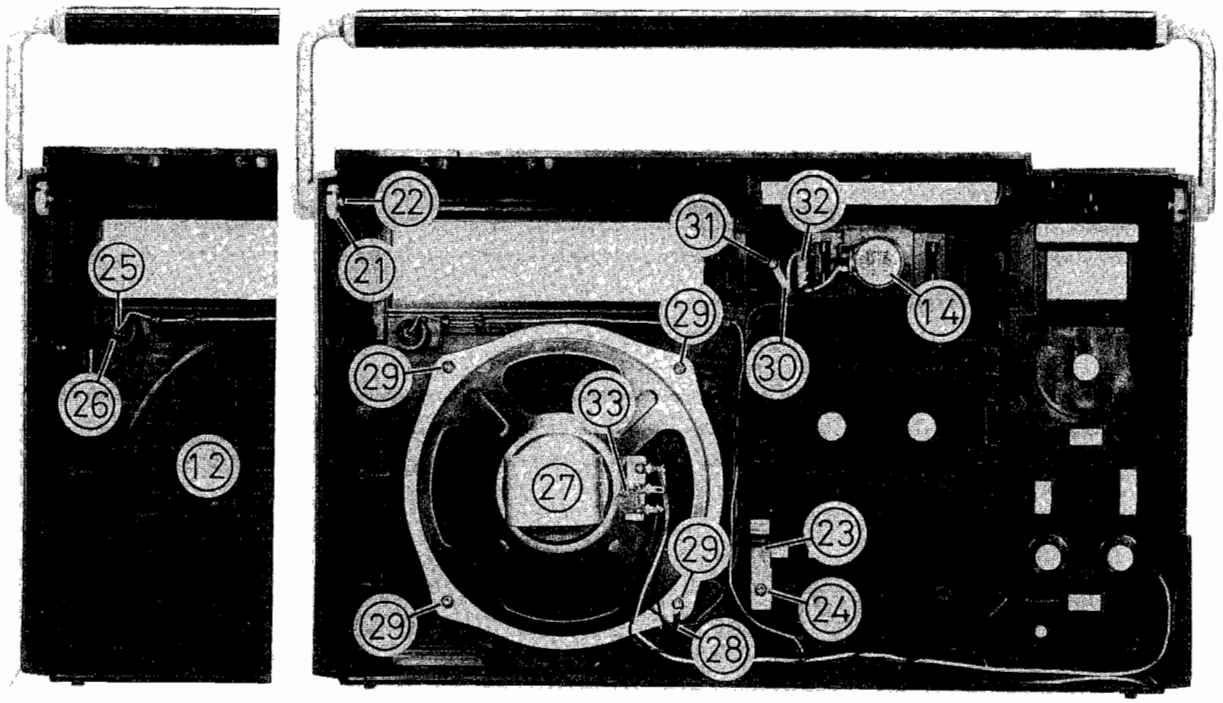


Fig. 43

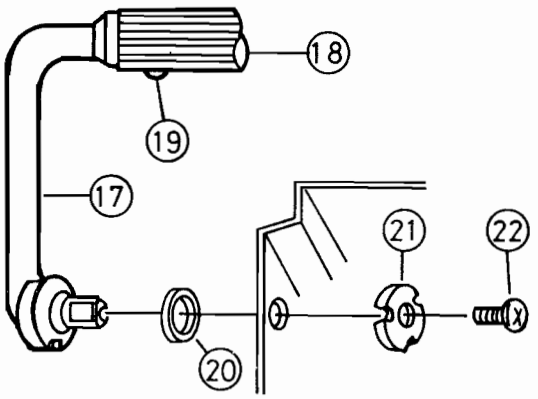


Fig. 44

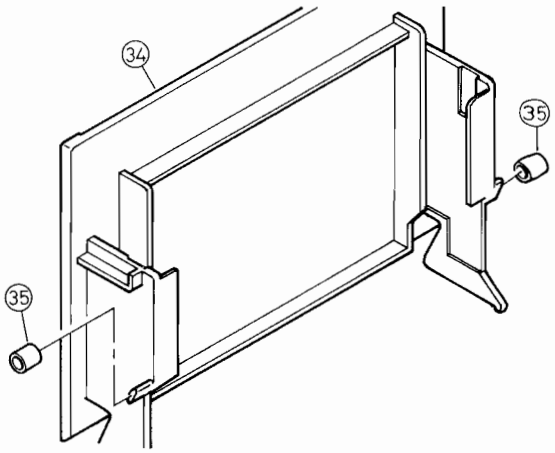


Fig. 45

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1~12	*ZCRC525L-CBF	Front Cabinet Ass'y		1
1	*VJC1001-001	Front Cabinet		1
2	*VJD4103-001	Indicator Escutcheon	Glued	1
3	*VJD4126-002	Switch Plate	"	1
4	QXM2251-001	Mark Plate	"	1
5	*VJD4102-001	Mech. Plate	"	1
6	V44957-001	Reflection Plate	"	1
7	*VJD4104-001	Fitting	"	1
8	*VJK3101-001	Dial Lens	"	1
9	*VJD3101-002	Dial Escutcheon	"	1
10	*VJD4101-001	Microphone Plate	"	1
11	*VJD4105-001	Speaker Escutcheon	"	1
12	47115-042	Saran Net	"	1
13			Blank No.	
14	*EAS3KH01SC	Speaker	Tweeter	1
15	*VYTH401-001	Pad	Glued	1
16	*VJD2108-001	Speaker Grill	Force-fitted	1
17~19	*VJH4001-00A	Handle Ass'y		1
17	*VJH3001-001	Handle Holder		2
18	*VJH4002-001	Handle		1
19	SHBP3008RS	Screw		2
20	*VYH4120-002	Collar		2
21	*VYH4101-002	Spacer		2
22	DPSP3008ZS	Screw		2
23	*VKY4101-001	Door Spring		1
24	SBSB3008Z	Screw		1
25	*VMME62N-010M	Condenser Microphone		1
26	*VYH4102-001	Microphone Bushing		1
27	EAS16P111S	Speaker	Woofer	1
28	V42603-003	Wire Clamp		2
29	SBSB3008Z	Screw		4
30	50242-3	Terminal Lug		1
31	SBSB3008Z	Screw		1
32	QEN21EM-335	Electrolytic Capacitor	C157 (3.3μF, 25V)	1
33	QCY41HK-681	Ceramic Capacitor	C190 (680pF, 50V)	1
34	*VJT3001-00A	Cassette Case		1
35	V41405-004	Rubber Ring		2

Exploded View of Rear Cabinet

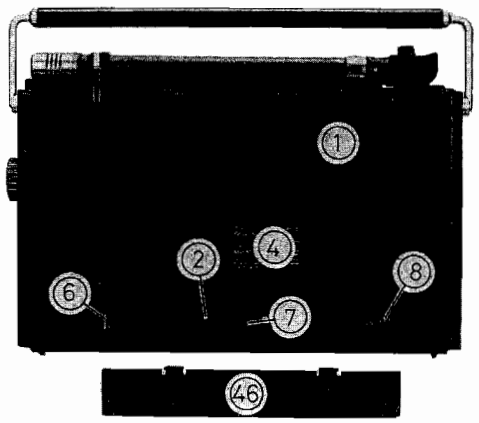


Fig. 46

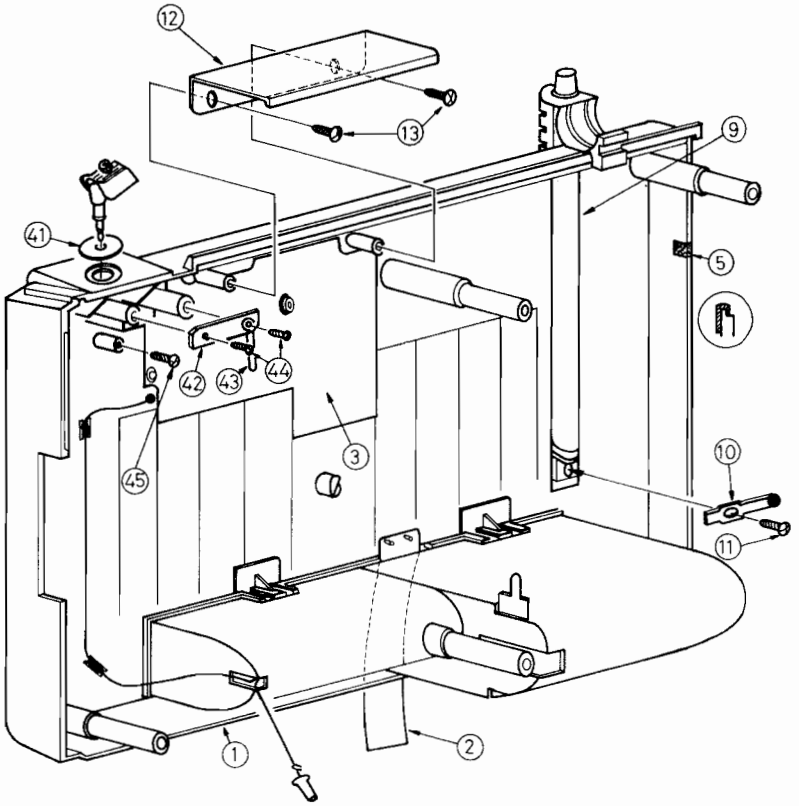


Fig. 47

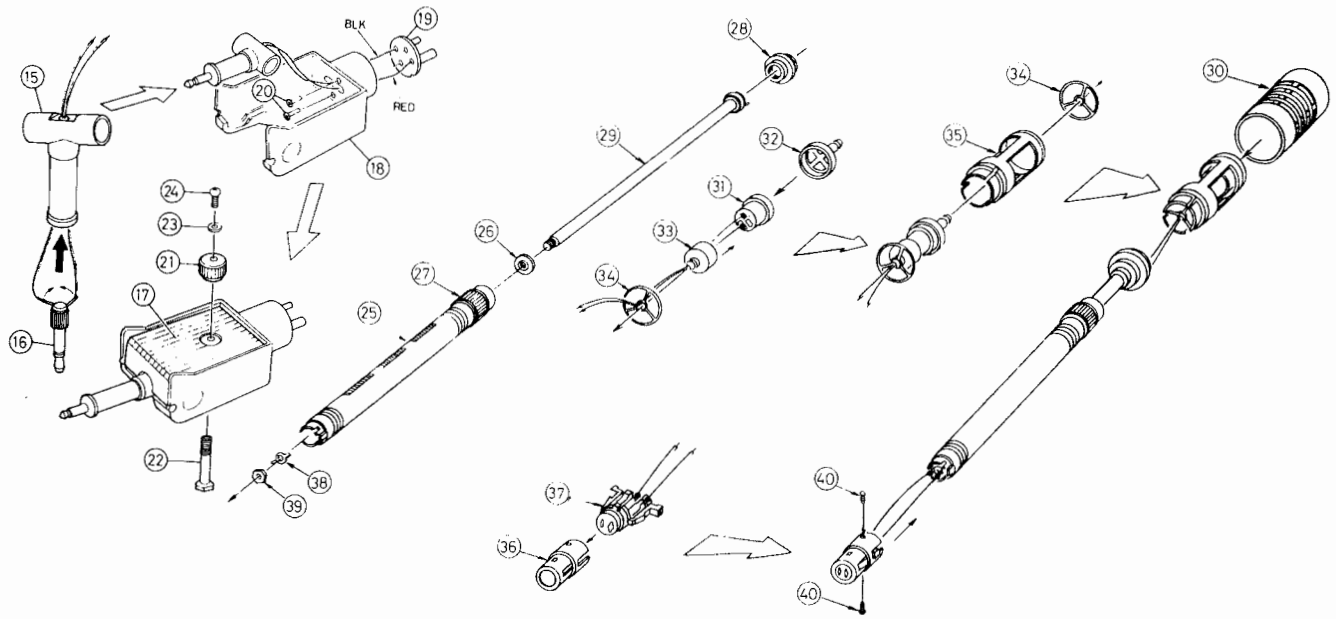


Fig. 48

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1~5	*ZCRC525L-CBR	Rear Cabinet Ass'y		1
1	*VJC1002-001	Rear Cabinet		1
2	V41583-3	Tape	Glued	1
3	*VYH4105-00A	Shield	"	1
4	*VYN5036-002C	Name Plate	"	1
5	VYSA1R6-021	Spacer	"	1
6	*VYH4104-001	Battery Contact		1
7	*V44767-001	"		1
8	53738-1	Spring		1
9	QZR4179-001	Rod Antenna		1
10	V41208-003	Tab		1
11	SBSB3012Z	Screw		1
12	*VYH4173-001	Bracket		1
13	SBSB3008Z	Screw		2
14			Blank No.	
15~16	*ZCRC525-RBA	Rotary Base Ass'y		1
15	*VYH3102-001	Rotary Base		1
16	*VYH4107-001	Plug		1
17	*VJZ3002-001	Microphone Holder (B)		1
18~20	*ZCRC525-MHA	Microphone Holder Ass'y		1
18	*VJZ3001-001	Microphone Holder (A)		1
19	*VYH4108-001	2-pin Plug		1
20	EYB2005N	Eylet		2
21	*VYH4155-001	Adjuster		1
22	*VYH4156-001	Binder		1
23	WNB2000N	Washer		1
24	SDSP2006R	Screw		1
25~26	*ZCRC525-MPA	Microphone Pipe Ass'y		1
25	*VJZ3005-001	Microphone Pipe		1
26	*VJZ4002-001	Antenna Cover		1
27	*VJD4106-001	Microphone Ring		1
28~29	*ZCRC525-MSA	Microphone Supporter Ass'y		1
28	*VJZ4003-001	Microphone Supporter		1
29	*VJA3001-00A	Antenna Ass'y		1
30	*VJZ3004-001	Microphone Cover		1
31~35	*ZCRC525-MUA	Microphone Unit Ass'y		1
31	*VMMU62N-001	Condenser Microphone		1
32	*VYH4167-001	Microphone Cap (A)		1
33	*VYH4168-001	" (B)		1
34	*VYH4109-001	Microphone Suspension		2
35	*VYH4110-001	Sustainer		1
36	*VJZ3006-001	Jack Holder		1
37	*VYH4111-00A	Jack Ass'y	Earth wire *VYH4184-001	1
38	*VYH4150-001	Lug		1
39	*VYH4149-001	Nut		1
40	SBSB2004R	Screw		2
41	Q03093-625	Washer		1
42	*VKY4102-001	Spring		1
43	V42603-003	Wire Clamp		1
44	SBSB3010Z	Screw		2
45	SBSB3506Z	"		1
46	*ZCRC525-BCA	Battery Cover Ass'y		1

Final Packing Ass'y

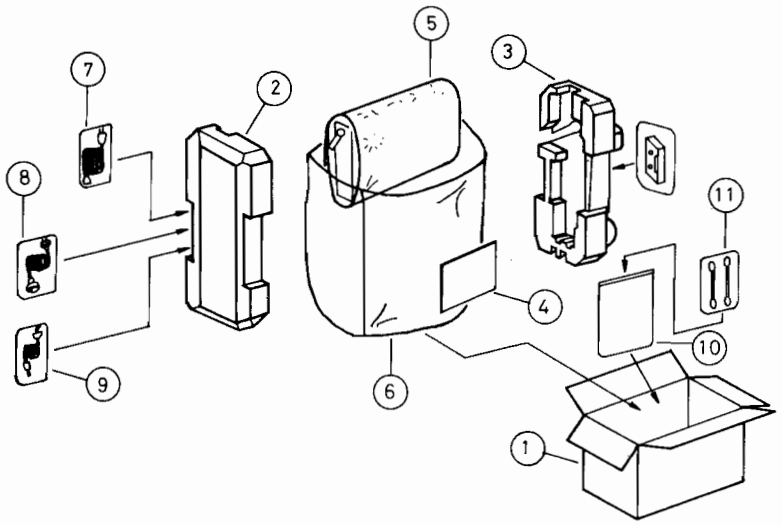


Fig. 49

RC-525L

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	*VPD5036-J03	Carton Case		1
2	*VPH1112-001	Side Cushion (L)		1
3	*VPH1113-001	" (R)		1
4	*VPK4101-001	Pad	Front Protector	1
5	VHPJ109-039	Wrapping Paper		1
6	QPGA060-05005	Polyethylen Bag		1
7	QPGA012-02505	"	for Power Cord	1
8	" -01505	"	for Extension Cord	1
9	" -01505	"	for Wind Screen	1
10	QPGB024-03404	"	for Instruction Book	1
11	QPGA012-01505	"	for Head Cleaning Stick	1

RC-525LB

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	*VPD5036-J09	Carton Case		1
2	*VPH1112-001	Side Cushion (L)		1
3	*VPH1113-001	" (R)		1
4	*VPK4101-001	Pad	Front Protector	1
5	VHPJ109-039	Wrapping Paper		1
6	QPGA060-05005	Polyethylen Bag		1
7	QPGA012-02505	"	for Power Cord	1
8	" -01505	"	for Extension Cord	1
9	" -01505	"	for Wind Screen	1
10	QPGB024-03404	"	for Instruction Book	1
11	QPGA012-01505	"	for Head Cleaning Stick	1

Accessories

RC-525L

Asterisked parts (*) show new parts.

Parts No.	Parts Name	Description	Q'ty
QMP3950-183	Power Cord		1
*V04064-001	Extension Cord	for Zoom Shooter Mic	1
QME1308-004	Magnetic Earphone		1
V43338-1	Head Cleaning Stick		2
*VJZ4005-001	Wind Screen	for Zoom Shooter Mic	1
VGT12S2-J02	Cassette Tape		1
*VNM0684-301	Instruction Book		1
VNC6301-001	Troubleshooting Chart		1
*VNC5303-003	Instruction Sheet	for Wind Screen	1
*VNC0501-003	Caution Tag	for Zoom Shooter Mic	1
TLT000429-01	Caution Card	for Head Cleaning Stick	1

RC-525LB

Asterisked parts (*) show new parts.

Parts No.	Parts Name	Description	Q'ty
QMP9017-006	Power Cord	⚠	1
*V04064-001	Extension Cord	for Zoom Shooter Mic	1
QME1308-004	Magnetic Earphone		1
V43338-1	Head Cleaning Stick		2
*VJZ4005-001	Wind Screen	for Zoom Shooter Mic	1
VGT12S2-J02	Cassette Tape		1
*VNM0684-301	Instruction Book		1
VNC6301-001	Troubleshooting Chart		1
BT20013B	Guarantee Certificate		1
*VNC5303-003	Instruction Sheet	for Wind Screen	1
*VNC0501-003	Caution Tag	for Zoom Shooter Mic	1
TLT000429-01	Caution Card	for Head Cleaning Stick	1
QZL1002-003	Warning Label	⚠ for Power Cord	1

Note: The parts marked ⚠ in the Description column are critical components for Safety. Use the specified parts, when replacing the critical components, never use equivalent parts.

Difference of Model RC-525LB

Difference between RC-525LB and RC-525L is the power supply section.

Wiring Connection

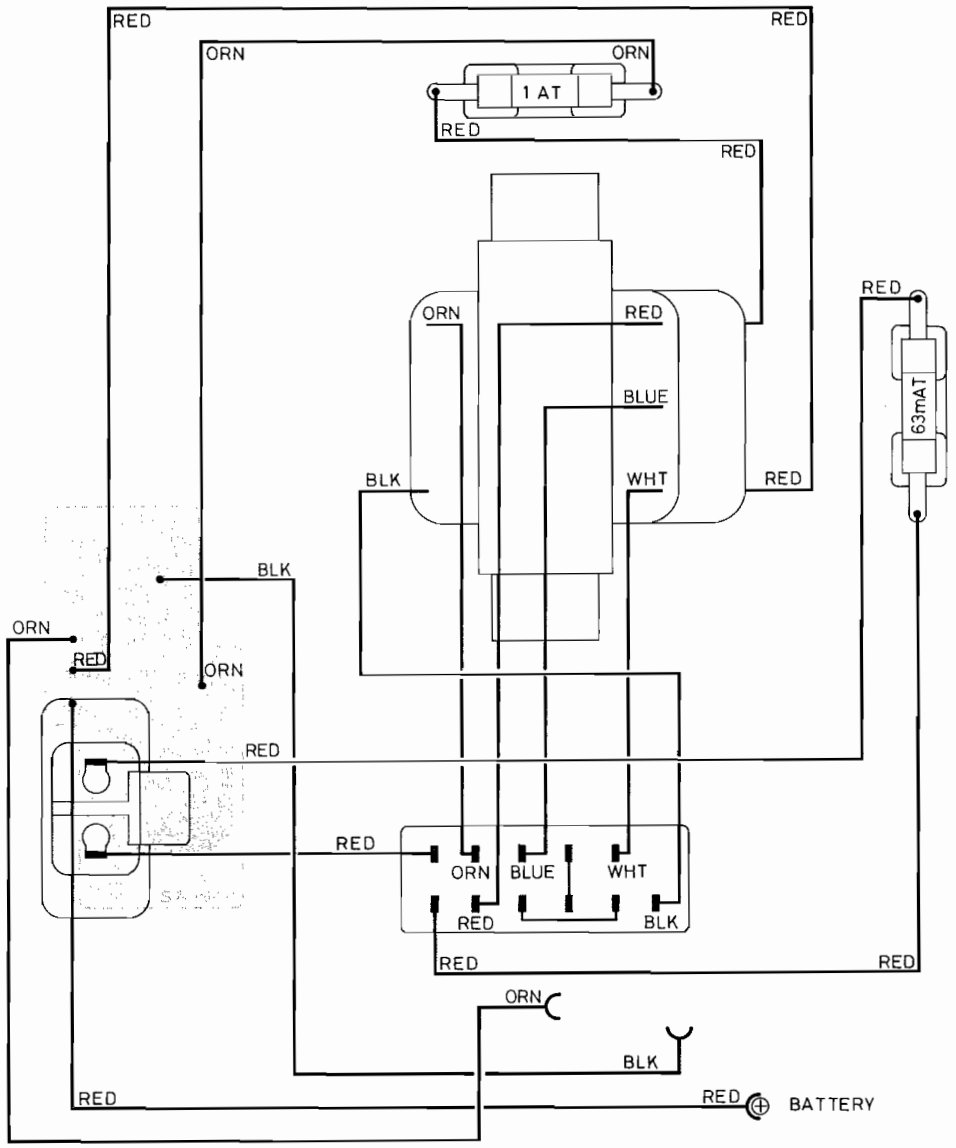


Fig. 50

Exploded View of Power Supply Ass'y

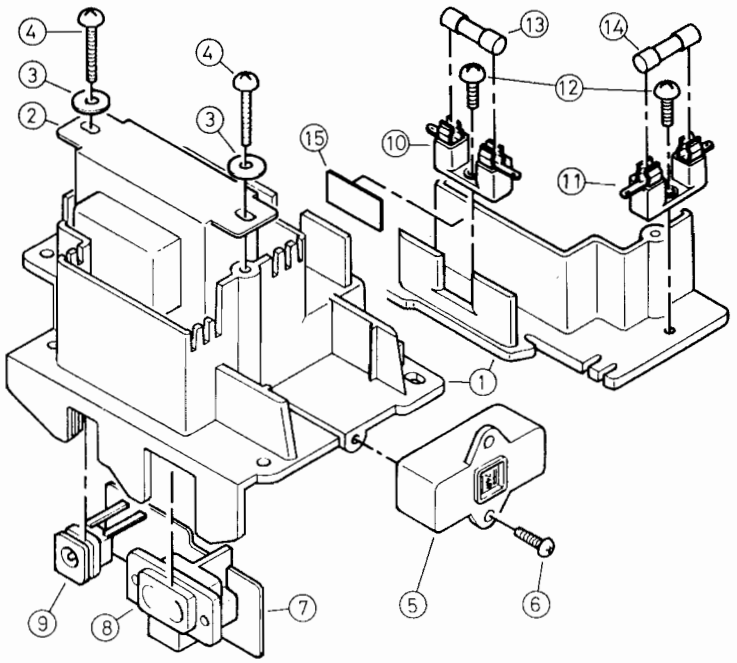


Fig. 51

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1	V20685-001	AC Chassis		1
2	VTP48N2-90C	Power Transformer	⚠ T102	1
3	Q03091-105	Washer		2
4	SBSB3020Z	Screw		2
5	QSS2325-005	Slide Switch	⚠ SG1~2	1
6	SBSB3010Z	Screw		1
7	* ————	Circuit Board Ass'y	Power Supply	1
8	QMC0263-001	AC Socket Ass'y	⚠ J106	1
9	QMA0921-003	DC Jack Ass'y	J105	1
10	QMG1321-002	Fuse Holder	⚠	1
11	QMG1321-002	"	⚠	1
12	SBSB3010Z	Screw		2
13	QMF51A2-R063	Fuse	⚠ 63mAT	1
14	" -1R0	"	⚠ 1AT	1
15	V42816-009	Fuse Label	"FUSE 63mAT"	1

Note: **1. The parts marked ⚠ in the Description column are critical components for safety. Use the specified parts, when replacing the critical components, never use equivalent parts.**

2. Wiring and fixing with screws should comply with the British Standard : BS 415.

1) Wires which are connected to the terminals of primary parts : AC Socket, fuse holder and voltage selector should be fully wrapped around the terminals.

2) The screws which are fixing the power transformer, voltage selector and fuse holder should be tightened with a torque up to 7kg.cm.

Exploded View of Rear Cabinet (Refer to Pages 28 & 29.)

Asterisked parts (*) show new parts.

Ref. No.	Parts No.	Parts Name	Description	Q'ty
1~5	*ZCRC525LB-CBR	Rear Cabinet Ass'y		1
1	*VJC1002-001	Rear Cabinet		1
2	V41583-3	Tape	Glued	1
3	*VYH4105-00A	Shield	"	1
4	*VYN5036-005C	Name Plate	"	1
5	VYSA1R6-021	Spacer	"	1

JVC

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